

THE
Record
OF
Hampden-Sydney College
in Virginia



1776-1976

1975-1976
CATALOGUE ISSUE

Announcements, 1976-1977

Correspondence should be addressed to Hampden-Sydney, Virginia 23943. All
College offices may be reached by dialing (804) 223-4381.

THE RECORD of HAMPDEN-SYDNEY COLLEGE

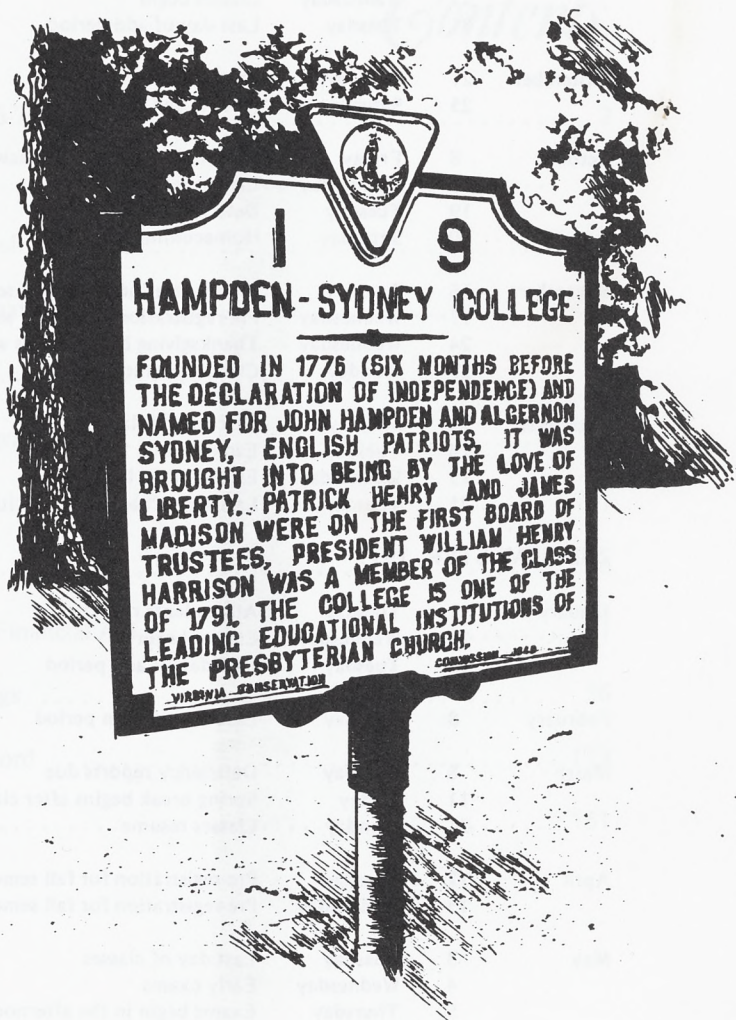
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Hampden-Sydney College
in Virginia

ACADEMIC CALENDAR

1976-1977 1ST SEMESTER, 1976

August	21	Saturday	Freshmen and transfer students report
	24	Tuesday	All other students report
	25	Wednesday	Classes begin
	31	Tuesday	Last day of add period
September	21	Tuesday	Last day of drop period
	25	Saturday	Parents and Friends Day
October	8	Friday	Fall break begins after classes
	13	Wednesday	Classes resume
	19	Tuesday	Deficiency reports due
	30	Saturday	Homecoming
November	16	Tuesday	Pre-registration for spring semester
	17	Wednesday	Pre-registration for spring semester
	24	Wednesday	Thanksgiving break begins after classes
	29	Monday	Classes resume
December	13	Monday	Last day of classes
	14	Tuesday	Early exams
	15	Wednesday	Exams begin in afternoon
	21	Tuesday	Last day of exams

2ND SEMESTER, 1977

January	11	Tuesday	All students report
	12	Wednesday	Classes begin
	18	Tuesday	Last day of add period
February	8	Tuesday	Last day of drop period
March	8	Tuesday	Deficiency reports due
	11	Friday	Spring break begins after classes
	21	Monday	Classes resume
April	12	Tuesday	Pre-registration for fall semester
	13	Wednesday	Pre-registration for fall semester
May	3	Tuesday	Last day of classes
	4	Wednesday	Early exams
	5	Thursday	Exams begin in the afternoon
	11	Wednesday	Last day of exams
	15	Sunday	Graduation

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To Farmville, Virginia
Via Va. Route 696
U. S. Route 15



1 ATKINSON HALL
Administration

2 VENABLE HALL
Dormitory

3 BAGBY HALL
Academic

4 MIDDLECOURT
President's Home

5 JOHNS AUDITORIUM
Post Office
Tiger Inn - Snack Bar

6 WINSTON HALL
Commons - Dining Hall
Student Activities Offices

7 EGGLESTON LIBRARY

8 BLAKE INFIRMARY

9 SCIENCE CENTER

10 WATKINS BELL TOWER

11 MORTON HALL
Academic

12 GRAHAM HALL

13 COLLEGE CHURCH

14 MANSE

15 GAMMON GYMNASIUM

16 HUNDLEY STADIUM

17 DEATH VALLEY

18 HAMPDEN HOUSE
Alumni/Faculty House

19 CUSHING HALL
Dormitory

20 ALAMO

21 WHITEHOUSE HALL
Dormitory

22 PENSURST

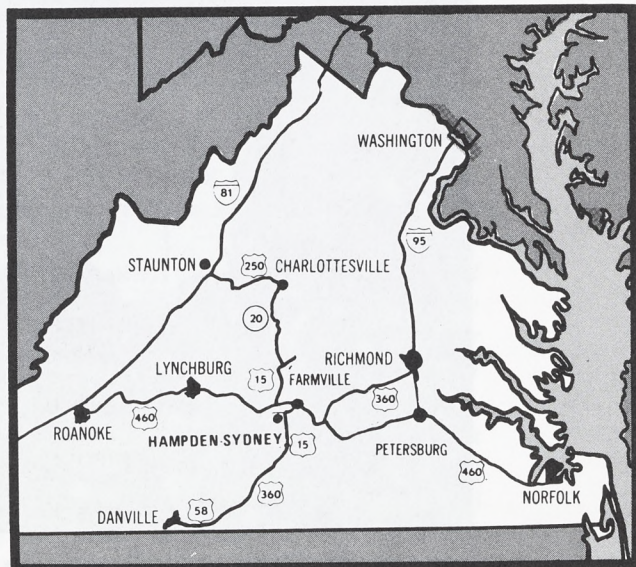
23 INFORMATION CENTER

24 MUSEUM

25 MAINTENANCE SHOP



Washington . . . 182 miles
 Norfolk 150 miles
 Roanoke 108 miles
 Danville 90 miles
 Lynchburg . . . 55 miles
 Charlottesville . . 69 miles
 Staunton 101 miles
 Richmond 70 miles



Hampden-Sydney College

PURPOSE

Founded in 1776, some six months before the signing of the Declaration of Independence, Hampden-Sydney is one of the oldest liberal arts colleges for men still in operation in America.

The aims of the College today, similar to those established as the founding ideals nearly 200 years ago, are to give selected men of ability a broad understanding of the world and man's place in it from the standpoint of the sciences and the humanities; to develop clear thinking through linguistic, scientific, and historical studies; to impart a comprehension of man's social institutions as a basis for the exercise of intelligent citizenship in a democracy; to unite sound scholarship with the principles and practice of the Christian religion; to equip those students with special interests and capacities for graduate study and research; and to instill in its students a commitment to excellence.



Law office of Nathaniel Venable, birthplace of the College

An Historical Sketch

The early American college, typically a frontier institution, was often a Christian college in character. Hampden-Sydney was no exception, and its heritage is deeply rooted in the history of both Colonial America and the Presbyterian Church.

The name Hampden-Sydney symbolized the union of civil and religious liberty which had been fought for in England. Perhaps no more appropriate name could have been given to the infant institution founded in a period of revolution and impending freedom for a new nation. John Hampden and Algernon Sydney, both English patriots and supporters of religious and constitutional liberties, sacrificed their efforts, their fortunes, and finally their lives in support of these causes for the common people of England.

These ideals of freedom were perhaps foremost in the thoughts of members of the first Board of Trustees, which included Patrick Henry, James Madison, and other notable Virginians. Too, a guiding principle was established as a purpose in the College's founding — "To form good men and good citizens in an atmosphere of sound learning." The College was the last in Colonial America to be founded under British Crown control.

Hanover Presbytery, which by 1775 extended over Virginia, the Carolinas, and part of Ohio, was organized and developed by two notable young men, Samuel Davies, a clergyman from Delaware, and John Todd, great-uncle of Mary Todd, the wife of Abraham Lincoln. The work of these and other leaders and fellow workers brought about strong influences of active Presbyterianism throughout the region.

In 1772, the Presbyterian clergy of central Virginia and the families of their congregations had made some unsuccessful efforts toward establishing an educational institution for the youth of the region. The College of William and Mary was the only institution of higher education in the colony, and its location was somewhat remote from central and southern Virginia.

Efforts toward establishing a college were renewed in October of 1774 by the Hanover Presbytery and construction of an academy building was authorized in 1775 on a tract of land donated by Peter Johnston, a native of Edinburgh and an early Prince Edward County settler.

The infant college was to be opened in November of 1775, but completion of the building was somewhat delayed. The formal opening was held January 1, 1776, and some 110 young men entered Hampden-Sydney in both preparatory and college work. The first principal, or rector, The Reverend Samuel Stanhope Smith, announced



John Hampden



Algernon Sydney

in his opening prospectus that "The system of education will resemble that which is adopted in the College of New Jersey, save that a more particular attention will be paid to the English language than is usually done in places of public education." A graduate of the College of New Jersey, now Princeton, the Reverend Mr. Smith further stated that strong emphasis would be placed on scientific studies.

In 1779, Samuel Stanhope Smith joined the faculty of the College of New Jersey, and his brother, John Blair Smith, succeeded him as president of Hampden-Sydney College. Some years later, in 1821, Jonathan P. Cushing was appointed president and his administration became the most significant during the first half of the nineteenth century. During this period Union Seminary, an outgrowth of the Department of Divinity, was founded on land adjoining the main College. The Seminary became a separate institution in 1823 and continued to operate on the same site until its removal in 1898 to Richmond, where it is still located. Major Richard M. Venable, a Baltimore attorney, purchased and donated to the College the academic buildings of the Seminary and three residences.

In 1919, an amendment to the original charter established an official affiliation between the College and the Synod of Virginia. This relationship between the Presbyterian Church, U. S., and the College continues to exist.

The physical plant and academic program of the College continued to increase and expand during the nineteenth and twentieth centuries. Today, the 540-acre campus consists of nineteen major buildings valued at \$6,750,000, two of which have been completed in the last five years.

Hampden-Sydney is recognized today as the nation's tenth oldest institution of higher learning and has been in continuous operation since its founding date. The College observed the 200th anniversary of its founding on January 1, 1976.

General Information

Hampden-Sydney is fully accredited by the Southern Association of Colleges and Schools and is a member of the Association of Virginia Colleges, the Association of American Colleges, the Southern University Conference, the College Entrance Examination Board, the American Chemical Society, and the College Scholarship Service. The College is also a charter member of the University Center in Virginia, a cooperative unit of twenty-five of the strongest institutions in the Commonwealth.

LOCATION GENERAL INFORMATION

The 540-acre campus is located in a rustic and picturesque setting in Virginia's historic Southside, 70 miles southwest of Richmond. The spacious Hampden-Sydney campus is six miles from Farmville, a town of 6000, where Longwood College is located. Nearby women's colleges include Mary Baldwin in Staunton, Randolph-Macon Woman's College in Lynchburg, Sweet Briar College near Amherst, and Hollins College in Roanoke.

The location of the campus is convenient for travel service by air to airports in Lynchburg and Richmond, and by bus and train to Farmville.

PHYSICAL FACILITIES

Hampden-Sydney's campus consists mainly of 19 brick buildings, most of which have been built in the Georgian architectural style. The oldest of these is Cushing Hall dormitory, built in 1821, and among the newest is the Science Center, completed in 1968. Recently completed is a modern infirmary-apartment complex, with twelve apartments for married students, faculty, and others.

Also, a new \$1,000,000 addition to Eggleston Library, which provides extensive new space for study areas, new acquisitions, and modern new equipment, was completed in January, 1975.

HEALTH SERVICE

The objectives of the College health service are in accord with those of the American College Health Association. A student enrolling for the first time must submit a medical certificate from his personal physician, and this certificate is reviewed by the College physician upon matriculation.

The College operates a new and modern 12-bed infirmary. Nurses are on duty daily and the College physician is available each day, Monday through Friday, for specific case diagnosis and treatment.

Group accident and illness insurance is provided for each student, and specific information on coverage is sent to all prospective students.

COUNSELING AND CAREER PLANNING SERVICES

Counseling and Career Planning at Hampden-Sydney is committed to serving the personal and career needs of Hampden-Sydney students. The Center for Counseling and Career Planning strives to provide programs and materials to meet the needs of the total student.

The Center provides a variety of programs, resources, and services to meet the individual and group needs of Hampden-Sydney's students. The objectives of these programs, resources, and services are to help students define their interests and needs, clarify their goals and values, and make personal and career decisions that are both satisfying and effective. Counseling workshops dealing with personal enrichment, interpersonal skills, and academic adjustment are an integral part of the program. Career planning programs seek to involve the student in career awareness and provide resources for both his exploration and his initial experiences. And finally the Center seeks to develop the student's job search skills and to provide a systematic series of interviews and contacts to assist with job placement.

Counseling services are coordinated by the Vice President for Student Affairs. In addition to the Vice President for Student Affairs and the Director of Counseling and Career Planning, who is responsible for the Center for Counseling and Career Planning, counseling services are also provided by the College Psychologist and the College Chaplain.

ROOM AND BOARD

Students are required to live in College housing or in other on-campus facilities approved by the College, under the direction of the Vice President for Student Affairs. The College may make exceptions to this policy for students wishing to live off campus.

Residence hall rooms are furnished with dressers, single beds, mattresses, desks and chairs. Bed linens, pillows, towels, and other articles are furnished by the student.

The College maintains a dining hall, the Commons, in which a balanced diet and excellent service are maintained under the direction and management of a dietitian of the ARA Food Service Company. All freshmen are required to board at the dining hall. Upperclassmen have the option of boarding in the dining hall. However, cooking is not

allowed in the dormitories or fraternity houses. College dormitories, fraternity houses, and the dining hall are closed during holidays, between semesters, and during the summer when the College is not in session.

VEHICLES GENERAL REGULATIONS

All students are eligible to bring a car or motorcycle to campus, provided certain rules and regulations governing the use of vehicles are met, which include registration and other matters.

FIREARMS, ALCOHOL, DRUGS

Rules governing possession of firearms are published in the student handbook, "The Key," as are rules pertaining to alcoholic beverages and illegal drugs. Details of these and other rules and regulations are found in the handbook, which is issued to each student when he enrolls at the College.

Hampden-Sydney does not have an ROTC program. However, several commissioning programs are available. The U.S. Marine Corps Platoon Leaders Class (Aviation) offers the qualified student an opportunity to become a Marine officer after graduation. Participants attend two six-week summer training sessions and must maintain a "C" average while in College. Marine Corps representatives visit the College during the academic year to provide additional information.

Students who anticipate graduate or professional work, and who wish to obtain a military commission, may do so by entering and successfully completing a two-year ROTC program at the graduate or professional school of their choice following graduation from Hampden-Sydney.

MILITARY PROGRAMS

Student Life

Hampden-Sydney is essentially a residential college, and hence student life involves an atmosphere of community. Although some seventy-three percent of the students come to Hampden-Sydney from the Commonwealth of Virginia, there are 25 states, the District of Columbia, and six foreign countries represented among the student body.

There exists in the student body and in student life a diversity of background, ideals and viewpoints which contributes to the total educational process and enhances the college experience.

STUDENT GOVERNMENT

Student self-government is a vital process in the total realm of student life at Hampden-Sydney. While self-government has long been a tradition, its present form is modern, the constitution having been adopted in 1972, the Code of Student Conduct in 1973. Every matriculant of the College is a member of the Student Government Association (SGA).

The student senate transacts all student body business; and as far as such powers are delegated to it by the faculty, trustees, and college council, it has legislative jurisdiction over various phases of student campus life.

THE HONOR SYSTEM

The essence of the Honor System is individual responsibility. Basic assumptions of the System are that a student is a mature young man and that he will conduct himself honorably in all phases of student life. A further assumption is that every student is concerned with the observance of these principles for his own sake, that of his fellow students, and that of the College. A brief description of the Honor System is presented below under the Student Court heading. A complete explanation is given in "The Key," the student handbook.

STUDENT COURT

The judicial power of Student Government is vested in the Student Court, a body composed of members elected by classes. The Court tries cases arising from breaches of the code of student conduct, College rules, and honor violations.

The Student Court, by authorization of the Board of Trustees and the faculty, has jurisdiction over matters concerning breach of the Honor Code. Student Court hearings are closed, and Court members are under oath never to reveal any of the proceedings deemed confidential at the time of the hearing.

If a man is found guilty of a breach of the Honor Code, the chairman of the Student Court reports the case to the Vice President for Student Affairs, who informs the parents of the student in question. Further, if a man is found guilty, the student body is informed. Otherwise, the case is closed in order to protect the man who was initially charged but found innocent.

Before matriculating, a student must sign a statement acknowledging that he understands his obligations as a student under the Honor System, and that an infraction of the Honor Code at any time during the session is normally punishable by temporary (no less than one full semester) or permanent suspension from the College. A professor may require a student to sign a formal pledge on any work.

INFRACTIONS OF THE HONOR CODE

1. Cheating (giving or receiving aid without the consent of the professor on tests, quizzes, assignments, or examinations. This means that *unless the professor specifically exempts work*, giving or receiving aid is prohibited.)
2. Plagiarism.
3. Lying.
4. Stealing.
5. Failure to report Honor Code offenses.
6. Forgery.
7. Knowingly furnishing false information to the institution.
8. Alteration or use of institutional documents or instruments of identification with intent to defraud.
9. Intentionally passing a bad check.

The student's obligations under the Honor System do not stop at the limits of the campus but apply in all places during the school year.

All suspected Honor Code violations should be reported to an officer of the SGA or a member of the Student Court. The chairman of the

Court will notify the accused of the charges against him and allow him to obtain a student advisor without legal training.

The Pledge: *On my honor I have neither given nor received aid on this work, nor am I aware of any breach of the Honor Code that I shall not immediately report.*

RELIGIOUS LIFE

Since its founding and during a long relationship with the Presbyterian Church, Hampden-Sydney has emphasized the strength and necessity of the Christian faith as a vital part of education and life. Many ministers, missionaries, church-college teachers, and others engaged in church vocations are among its graduates, and the College has sent into the churches a great number of active Christian laymen.

Although the college continues to be affiliated with the Presbyterian Church, it encourages the work of all denominations. The proximity of Longwood College provides an opportunity for coeducational religious activities.

The College Chaplain plans campus religious services and coordinates denominational student activities. He is advisor to the Inter-Religious Council (IRC) and is available at all times for personal counseling.

The purpose of this organization is to coordinate activities of denominational or other religious groups on campus, to provide a representative body for communication among groups and to provide a representative body to plan special campus-wide activities such as Religious Emphasis Week(s), etc.

CULTURAL PROGRAMS

The College plans a diverse series of programs each year as another dimension of the total educational experience. The program includes speakers of contemporary interest, lectures by visiting scholars and other distinguished individuals, plays, and concerts. The program is coordinated largely by the College Activities Committee of the College Council.

SOCIAL LIFE

The social fraternities provide a major center of social life and activity for some sixty percent of the students. Too, the College Activities Committee of the College Council organizes a social program which includes films and several major weekend concerts by well-known entertainers. Many Hampden-Sydney students date at nearby colleges for women.

Hampden-Sydney offers a well-rounded athletic program, with intercollegiate competition in football, baseball, basketball, soccer, golf, tennis, wrestling, and lacrosse. The College also has a rugby football club.

ATHLETICS

The Tigers are members of the National Collegiate Athletic Association and the Virginia College Athletic Association. Within the past five years, Hampden-Sydney has had championship teams in football, baseball, golf, and tennis.

No one shall be a member or manager of any College athletic team who is not a regularly matriculated student. The College is not liable for injuries received in any athletic practice or contest, or for hospital or doctor's bills, or for any other expenses resulting from such injuries. However, some insurance coverage is provided and other insurance is available.

Recognizing the importance of physical exercise to the maintenance of good health, the athletic department of Hampden-Sydney College offers a comprehensive program of intramural activities which provides every student with the opportunity to engage in recreation and competitive activity. This program, conducted under the supervision of the faculty, includes thirteen seasonal sports from the beginning of autumn through the end of spring. Some eighty percent of all students participate in either varsity or intramural competition.

INTRAMURAL SPORTS

The responsibility for discipline is in the hands of the president, the Vice President for Student Affairs, and the faculty, under regulations adopted by the Board of Trustees. Student Government plays an important role in the disciplinary function, with the objects of maintaining regularity and order in the institution, and of the cultivation of a spirit of honor among students.

DISCIPLINE

All students are expected to comply with the rules and regulations of the College and the Code of Student Conduct, which are published in the student handbook. In addition, students are expected to obey the laws of the Commonwealth of Virginia, as well as federal and local laws.

An institution of higher education is authorized by law to establish and administer rules of conduct and to suspend or expel students whose presence is detrimental to the student body and/or the institution's welfare as long as the authority is exercised with discretion and is not exercised arbitrarily or capriciously. Hampden-Sydney College reserves this right.

ORGANIZATIONS **THE UNION-PHILANTHROPIC LITERARY SOCIETY** is the result of the merger of the old Union and Philanthropic Societies. The Union Society was founded in 1789 and the merged group is second only to the Whig-Cliosophic Society of Princeton University in point of age.

THE JONGLEURS, the College dramatic club, works closely with the *Longwood Players*.

THE GLEE CLUB provides for those students interested in vocal music an excellent opportunity to continue their activity. Concert tours are made in the fall and spring.

STUDENT PUBLICATIONS include *The Kaleidoscope*, the College yearbook; *The Garnet*, a literary magazine; and *The Tiger*, the student newspaper.

SOCIAL FRATERNITIES are a vital part of the social life at Hampden-Sydney. There are chapters of eleven national Greek letter fraternities at the College, which are Chi Phi, Sigma Chi, Kappa Sigma, Pi Kappa Alpha, Theta Chi, Lambda Chi Alpha, Sigma Nu, Phi Gamma Delta, Sigma Alpha Epsilon, Kappa Alpha, and Alpha Chi Sigma, a professional-social fraternity.

PHI BETA KAPPA, national academic honor society;

OMICRON DELTA KAPPA, national leadership honor society;

SIGMA UPSILON, honorary literary fraternity;

CHI BETA PHI, honorary scientific fraternity;

ALPHA PSI OMEGA, dramatic fraternity;

PI DELTA EPSILON, journalistic fraternity;

ETA SIGMA PHI, honorary classical fraternity;

PSI CHI, honorary psychology fraternity;

CIRCLE K, a service club, functions under the sponsorship of the Richmond Kiwanis Club;

SIGMA XI, honorary scientific fraternity;

OMICRON DELTA EPSILON, honorary economics fraternity.

WWHS-FM STEREO RADIO, the College's educational radio station, operates a studio on campus for the benefit of the student body and the College community. The purposes of the facility are to foster better communications on campus and to bring to the College student-oriented music, programs, and special events.

THE DEBATE COUNCIL, composed of students and faculty interested in intercollegiate debating.

FELLOWSHIP OF CHRISTIAN ATHLETES, a non-denominational fellowship open to all students.

VOLUNTEER FIRE DEPARTMENT, student fire protection group for the College and the surrounding community.

OUTSIDERS CLUB, promoting the use of the out of doors through camping.

POL'SKII EDYASCHII KLUB, prepares and samples gourmet and peasant foods of various countries.

STUDENTS FOR COMMUNITY SERVICES, volunteer work.
SPANISH CLUB.

PEP BAND, plays at football and basketball games. The Hampden-Sydney Pep Band is an organization which offers those interested in band-type music an opportunity to play in a relaxed atmosphere. Membership in the Band is open to all students and faculty members from both Hampden-Sydney and Longwood Colleges with some experience in music.

CLUB CINEMATOPHILE, French movie club.



Academic Program

Among the liberal arts let us begin with that which makes us free.

Montaigne

THE COLLEGE AND A LIBERAL EDUCATION

In keeping with the classical ideal of education, Hampden-Sydney seeks "to form good men and good citizens." The College is committed to the development of humane and lettered men, and to the belief that a liberal arts education provides the best foundation not only for a professional career, but for the great intellectual and moral challenges of life. In an age of specialization, Hampden-Sydney responds to the call for well-rounded "whole men" who are educated in western culture and can bring to bear on modern life the wisdom of the past. The College seeks to awaken intellectual potential in a search for truth that extends beyond the student's undergraduate experience while encouraging him to develop clarity and objectivity in thought, a sensitive moral conscience, and a dedication to responsible citizenship.

The liberal education offered at Hampden-Sydney prepares the student for the fulfillment of freedom. It introduces the student to general principles and areas of knowledge which develop minds and characters capable of making enlightened choices between truth and error, between right and wrong. The mere facts about a subject do not speak for themselves. They must be interpreted against a background of ideas derived from an understanding of the nature of logic, language, ethics, and politics. The individual who is educated in these areas and in the basic disciplines is able to confront any fact with true freedom to choose, unencumbered by prejudice and impulse. With this object in view, Hampden-Sydney's curriculum is directed toward the cultivation of a literate, articulate, and critical mind through the study of the sciences, the humanities, and the social sciences. It provides both breadth and depth in learning while being flexible enough to encourage independent programs of study. Believing that education should be a liberating experience emancipating men from the chains of ignorance, Hampden-Sydney strives to make men truly free.

CAREER PREPARATION

18

Students who are uncertain of their prospective career should take a wide variety of courses in the first two years of their college work in order to gain an introduction to the various fields of knowledge.

Specialization in a particular field of their choice can then be accomplished in the last two years.

Special programs are suggested for students who may wish ultimately to seek admission to one of the professions or to a graduate school.

GRADUATE STUDY

Students who plan to enroll in graduate school should maintain close liaison with faculty in the area in which they plan to continue their education. In order to gain admission to graduate school, an applicant is expected to have done undergraduate work of a high caliber. A reading knowledge of at least one modern foreign language is usually required for the Ph.D. degree, and the applicant must score well on the Graduate Record Examination. For more specific requirements, students should consult the catalogues of graduate schools to which they are interested in applying.

BUSINESS AND GOVERNMENT

One of the purposes of the economics major is to furnish a suitable background for students planning to enter business, government administration, or accounting. For those students specifically interested in a managerial or administrative orientation the managerial economics sequence is suggested. For details of the managerial economics program see the Economics Department requirements.

A student may enter private business or government immediately after graduation from college or after specialized study at the graduate level. Public accounting calls for the baccalaureate degree and further training leading to professional certification. Evening classes, taken while holding a business position, facilitate this.

THE CHRISTIAN MINISTRY

Theological seminaries do not specify particular courses as prerequisites for admission, but instead urge those who contemplate the Christian ministry to take a broadly-based selection of courses in the humanities, and in the social and natural sciences. While not requiring these languages for admission, the seminaries do recommend that a prospective minister acquire in his undergraduate training a working knowledge of Hebrew and Greek. Hampden-Sydney provides all these opportunities. In addition, the wide variety of courses offered by the Department of Bible and Religion provides a representative sampling of what academic study in this discipline entails. And, of course, the professors in the department are always available for counsel.

LAW

The Association of American Law Schools recommends a general liberal arts education for pre-law students, because "many of the goals of legal education are also goals of liberal education."

The Association recommends a pre-law curriculum which aims toward these objectives:

1. Comprehension and expression in words.
2. Education for Critical Understanding of Human Institutions and Values.
3. Education for creative Power in Thinking.

With the foregoing objectives in mind, Hampden-Sydney College is prepared to assist the pre-law student in planning his program of study. General guidance to students is available in the Department of Government and Foreign Affairs, the Center for Counseling and Career Planning and from the Pre-Law Advisor.

MEDICINE AND DENTISTRY

According to the publication *Medical School Admission Requirements* (18th edition), published by the Association of American Medical Colleges, "Medicine needs individuals with a diversity of educational background and a wide variety of talents and interests . . . Specific premedical course requirements . . . vary among the medical schools, but all recognize the desirability of a broad education—a good foundation in the natural sciences (mathematics, chemistry, biology, and physics), highly developed communication skills, and a rich background in the social sciences and humanities."

Eight semester hours of each of the following basic science courses are required for admission to virtually every medical school: general chemistry, organic chemistry, general biology, and general physics. Additional requirements are specified for some schools. Dental school requirements are similar.

Choice of a college major is a critical matter for premedical students. The majority, quite naturally, are interested primarily in science and should elect a full major in one of the sciences, such as biology or chemistry. The interscience major is generally not recommended because it provides a program more diffuse than that taken by other medical applicants with whom the student competes, and provides fewer alternatives for the student who may fail to attain admission to professional school.

Occasionally a premedical student who has great interest in a non-science field may elect to major in that field. This is permissible, but he should understand the *quality* of his science work must be unusually good to compensate for greater quantity of science courses taken by others. In the words of *Medical School Admission Requirements* (18th edition), "the student who majors in a non-scientific field and elects the minimum number of required science courses must excel in them to insure the adequacy of his preparation and a favorable consideration of his application."

In order to prepare himself for the Medical College Admissions Test (MCAT) or the Dental Aptitude Test (DAT), generally taken at the end of the junior year, the student *must* complete the required basic science courses in his first three years. In order to develop the intellectual skills needed for good performance on the MCAT or DAT and to prove his motivation and ability for advanced study in medical/dental science, the student should elect a demanding curriculum in every semester. This should typically include at least two courses per semester in science and/or mathematics, and more for the well-qualified student who has a strong scientific orientation.

A faculty committee advises students concerning programs and applications, and prepares evaluations and recommendations.

SECONDARY SCHOOL TEACHING

The liberal arts education provides an excellent preparation for the individual who wishes not merely to qualify for, but to excel in, teaching at the secondary level. A strong major in the field to be taught, with supporting courses in related areas, is the most important preparation.

The interscience major provides a broad science background, including about six semesters' concentration in one field, and constitutes a satisfactory preparation for teaching in the field of concentration. However, the student who aspires to be a master teacher of science should elect a full major in one of the sciences in preparation for graduate study, as recommended by the National Science Teachers' Association and other professional groups.

Most of the courses needed to satisfy the professional education requirements of the State may be taken at Hampden-Sydney or through the cooperative arrangement with Longwood College. The remaining course needed for full certification, student teaching, may be taken subsequently at any Virginia college which offers it. Students who think they may want to earn full certification should consult with the associate academic dean before the beginning of their junior year.

EDUCATIONAL COMPUTING FACILITIES FACILITIES

The Hampden-Sydney Computing Facility is located on the first floor of Bagby Hall. The present system consists of the IBM 1130 Computer with 8196 words of core memory, 500,000 word magnetic disk auxiliary memory, 1132 printer and 1442 card read punch. Five IBM 029 card punch machines and four Wang Laboratory Desk Calculators are available for student use.

LANGUAGE LABORATORY

A foreign language laboratory equipped with thirty individual booths is located in Bagby Hall for the instruction of students in audio-lingual skills. Regular work in the development of these skills is required of all first and second-year students in modern languages.

EGGLESTON LIBRARY

The Hampden-Sydney Library, named for former President Joseph DuPuy Eggleston, is housed in an efficient, modern, air-conditioned building which has recently been enlarged, more than doubling the original size. Seating space is provided for 450 readers, including individual study tables, typing cubicles, seminar rooms, a microform room, a listening room, and an outdoor reading terrace. Coin operated Xerox facilities are available.

The book collection, numbering more than 100,000 volumes, got its start in 1775, nearly a year before the beginning of classes when the Board of Trustees sent President Samuel Stanhope Smith to Philadelphia to purchase books for the new school. It is growing at the rate of some 4,000 volumes a year. More than 500 periodicals and scholarly journals are received regularly. In addition, the library is a depository for selected U.S. Government publications. With the exception of the special collections described below, the books and periodicals are all on open shelves and are readily available for ninety-six hours a week during the academic year. Students are instructed in the use of catalogues, bibliographies, and reference works, and in other research techniques.

The attractively and comfortably furnished rare book room, a memorial to Alfred Alexander Jones, '42, contains the more valuable holdings of the library, along with books written by and about the alumni.

SCIENCE CENTER

The Science Center is a 62,500 square foot facility which includes a separate greenhouse. The facility was completed in 1968 and is unusually well equipped for undergraduate training in biology, chemistry and physics. Each of the three floors has been planned to meet the special requirements of one of these three scientific disciplines. All three departments are research-oriented, and special areas have been designed for faculty research, independent student research, and cooperative faculty-student projects.

SPRING SHORT TERM SPECIAL PROGRAMS

In the Spring of 1974 Hampden-Sydney began conducting a "short term" of approximately five weeks duration in addition to the two full semesters which comprise the regular academic year. The purpose was to provide faculty members a special opportunity to offer courses which are experimental in content or presentation, particularly those which require extensive times off campus. In addition it was to provide students with an opportunity to take such courses and to enable them to finish their degree requirements in three years at Hampden-Sydney if they desire. The present plan is to continue conducting the short term between the middle of May and the middle of June each spring as long as student and faculty participation make it feasible.

The maximum course load that a student may carry during the short term without special permission is six semester hours. The room, board, and fees charged are comparable to one sixth of those charged for an academic year.

WASHINGTON SEMESTER PROGRAM

Hampden-Sydney College is one of approximately 100 accredited colleges and universities in the United States participating in the Washington Semester Program of The American University in Washington, D.C. The Program is designed to afford well-qualified students an opportunity to study American government in action, not only through courses in the School of Government and Public Affairs, but also through the Seminar which brings students into direct discussion with major public officials, political figures, lobbyists, and others active in American National Government. In addition to the regular Washington Semester, the arrangement with The American University includes the Washington International Semester, the Washington Urban Semester, the Washington Economic Policy

Semester, and the Washington Science and Technology Semester. The Seminar of the International Semester brings the student into contact with government officials, policy planners, key legislators, foreign embassy personnel and national defense officials, while course work is taken in the School of International Service. The Urban Semester involves work in urban management, civic problems, and contact with officials in the urban planning of Washington and surrounding communities. The Washington Economic Policy Semester is an intensive examination of the policy-making process in Washington, particularly as it relates to economic policy. The Washington Science and Technology Semester includes seminars, field study, and research to give insight into the present state of science and technology in specific national problem areas, such as the energy crisis.

A limited number of Hampden-Sydney students are accepted each semester. Successful nominees pay the tuition rates of American University at Hampden-Sydney. They are considered by both institutions to be constructively registered at Hampden-Sydney, and the semester's work at American University becomes part of the Hampden-Sydney transcript for degree credit. Nominations are made in early October and April for succeeding semesters. Applicants need not be government and foreign affairs majors, but must be juniors or seniors in the semester of attendance and must have had the equivalent of American Government or a beginning course in political science. Applications should be made to the Department of Government and Foreign Affairs.

DUAL DEGREE PROGRAM

Hampden-Sydney College and Georgia Institute of Technology have established a plan whereby an undergraduate student will attend Hampden-Sydney College for approximately three academic years and the Georgia Institute of Technology for approximately two academic years. After completing the academic requirements of the two cooperating institutions, the student shall be awarded a bachelor's degree from Hampden-Sydney College and one of the several designated bachelor's degrees awarded by the Georgia Institute of Technology.

Dual Degree candidates from Hampden-Sydney College are eligible to seek any of the following degrees from Georgia Institute of Technology:

- Bachelor of Aerospace Engineering
- Bachelor of Ceramic Engineering
- Bachelor of Chemical Engineering
- Bachelor of Civil Engineering
- Bachelor of Electrical Engineering

Bachelor of Engineering Economic Systems
Bachelor of Engineering Science
Bachelor of Industrial Engineering
Bachelor of Mechanical Engineering
Bachelor of Nuclear Engineering
Bachelor of Science in Textile Chemistry
Bachelor of Science in Textiles
Bachelor of Textile Engineering

Interested students should consult the Hampden-Sydney Dual Degree program director, Dr. Beard, for information concerning specific course requirements.

APPLIED CHEMISTRY COOPERATIVE PROGRAM

Hampden-Sydney College and Virginia Polytechnic Institute and State University have established a cooperative program for students seeking careers in chemical engineering and/or applied chemistry, in which the student spends his first three years as a chemistry major at Hampden-Sydney followed by his senior year in the Department of Chemical Engineering at VPI&SU. Upon satisfactory completion of the program, the student is awarded the B.S. in chemistry from Hampden-Sydney. A student completing the program is eligible to begin study for the M.S. in chemical engineering at VPI&SU, upon approval by that institution, in a program requiring two summers and one academic year.

Students interested in this cooperative engineering program should contact the program advisor, Dr. Smith.

EXCHANGE

Hampden-Sydney College participates with Hollins College, Randolph-Macon Woman's College, Sweet Briar College, Randolph-Macon College, Mary Baldwin College, and Washington and Lee University in a program known as EXCHANGE, A College Consortium. This program is designed primarily for juniors to study for one academic year at one of the six other schools, although shorter periods will be considered.

Purposes of the program are to broaden the educational opportunities of the students in these seven colleges and to provide a diverse campus environment.

Eligibility of the student to participate is determined by the home institution.

LONGWOOD COLLEGE COOPERATIVE PROGRAM

The variety of courses available to Hampden-Sydney students has been increased by a cooperative arrangement with Longwood College. Under the terms of the arrangement, full-time students at either institution may enroll for certain courses at the other institution without added expense.

Students desiring to take advantage of this program must secure approval from the associate academic dean. Approval will be granted only if an equivalent course is not offered.

FOREIGN STUDY

Hampden-Sydney College does not conduct its own "study-abroad" program, but Hampden-Sydney students are eligible for some of the foreign study programs sponsored by other members of EXCHANGE on terms established by those institutions. In addition, the Foreign Study Committee can recommend to the associate academic dean that credit be given for satisfactory completion of any of a number of other programs involving academic work abroad. The programs approved usually require the student's participation in a group sponsored and supervised by an accredited American institution, or a recognized administrative agency, and the individual program must clearly form a legitimate part of the student's curriculum. The Committee's criteria for recommendation for credit include a minimum GPR and the approval of the student's major department and advisor. Ordinarily, no student who has accumulated fewer than 45 or more than 90 semester hours work at Hampden-Sydney will be eligible for foreign-study credit; all foreign-study credit will be counted as transfer credit. The recommendation for credit must be obtained *in advance* of the work abroad.

SENIOR FELLOWSHIPS

In the spring of their junior year a group of men are selected to be Senior Fellows for the following year. These men must demonstrate the maturity, intellectual competence, and imaginative curiosity to warrant their pursuit of a program of independent study contributing to the enrichment of themselves and the College. The Fellows are permitted the maximum amount of freedom consonant with the satisfactory development and completion of their personal project. This normally includes the waiving of conventional curriculum requirements. Each Senior Fellow shall work closely with an advisor in executing his program of study. Usually the Fellow is required to submit a year-end report of his efforts. The essence of the Senior Fellowship program is responsible individualism. Within a reasonable academic framework, the student is offered an unexcelled opportunity for personal intellectual fulfillment.

Selection of the Fellows is made by the President on the recommendation of the Faculty Committee on Senior Fellowships, consisting of the Vice President for Academic Affairs, a Director of Senior Fellowships, and one member from each of the Divisions of the Faculty. The Committee shall provide general supervision of all programs and may prescribe certain requirements for the Fellows. Also, the Committee must certify at year's end that the program of study undertaken has been successfully completed.

Members of the junior class may become candidates for Senior Fellowships by individual application, or on nomination by any member of the faculty. Each candidate must file his application with the Chairman of the Committee on Senior Fellowships during the first few weeks of the second semester. He shall include in his application the name of the faculty member who has consented to be his principal advisor and a detailed description of his project, what he proposes to do, why he wants to do it, and how to achieve his purposes. Senior Fellows pay full tuition.

SENIOR MAJOR FELLOWSHIPS

Each department may select in the spring of each year one or more of its junior majors to be Senior Major Fellows the following year. These men have demonstrated interest and competence of a superior quality in their major subject and possess an overall academic record of 3.0 or better. Working with a member of the department, each Fellow devises and executes a program of independent study within the major field. Normally, all further requirements for the major are waived, although each department may establish certain requirements for its Fellows. The department must certify at year's end that the project has been satisfactorily completed.

Selection is made by a committee composed of all members of the appropriate department and is subject to the approval of the Vice President for Academic Affairs. Junior majors become candidates for Senior Major Fellowships by individual application or on nomination by any member of the department. Each candidate must file his application with the Chairman of the department not later than March 31. His application must include a description of his program of study for the following year. Senior Major Fellows pay full tuition.

FACULTY ADVISORS

THE ADVISING SYSTEM AND MAJORS

Advisors are assigned to incoming freshmen during the summer preceding matriculation. The educational goals of the student as well as his vocational and avocational interests provide the basis for the selection of his advisor. Each student is urged to consult with his advisor periodically.

In the spring of the sophomore year, each student must declare his major or area of concentration, and is assigned to his major department for subsequent advising. Later, during the spring semester, each sophomore is asked to consult with his advisor and plan a coherent program for the junior and senior years. The advisor may give guidance to the student in the choice of graduate or vocational opportunities.

MAJORS

A student may elect to major in any one of the following disciplines or groups of disciplines:

Bible and Religion
Bible, Religion, and Philosophy
Biology
Biochemistry
Biophysics
Chemistry
Chemical Physics
Classical Studies
Economics
Economics with Mathematics
English
French
Government and Foreign Affairs
Greek
Greek and Latin
History
Humanities
Latin
Management Economics
Mathematics
Mathematics and Computer Science
Mathematics and Natural Science
Philosophy
Physics
Psychology
Social Science Concentrations
Spanish

The requirements for each of these majors may be found in the section on Course Descriptions.

It is solely the responsibility of the candidate for graduation to make sure he meets all of the stated requirements for the degree.

Every student who completes the following requirements in ten or fewer semesters will receive a Bachelor of Arts, or, for a student majoring in the natural sciences who requests it, a Bachelor of Science degree:

REQUIREMENTS FOR THE BACHELOR'S DEGREE

PROFICIENCY REQUIREMENTS

Proficiency in English composition and in a foreign language at the 200 level; each proficiency to be demonstrated either by examination or by course work (i.e., one 3-hour semester course in composition; two semester courses in a foreign language at the 200 level, or one 3-hour course at the 300 level).

DISTRIBUTION REQUIREMENTS

Successful completion of six courses (each of three semester hours credit) in four departments in the Humanities, and three courses (each of three or four semester hours credit) in two departments in both the Social and Natural Sciences. In addition, one of the courses in the Natural Sciences must include, or be taken with, a related laboratory course. Neither courses taken to satisfy proficiency requirements nor courses taken in the department of the major may be used to satisfy the distribution requirement. For this purpose the departments in the various divisions are:

Humanities (18 hours) (4 departments)	Social Sciences (9 hours) (2 departments)	Natural Sciences (10-12 hours; minimum of 1 lab course) (2 departments)
Bible and Religion	Economics	Biology
Classics	Government and	Chemistry
English	Foreign Affairs	Mathematics
Fine Arts	History	Physics
Modern Languages	Psychology (includ-	
Philosophy	ing Sociology)	
Western Man		

CREDIT HOURS REQUIREMENT

Successful completion of enough course work to total 123 semester hours of credit. The semester hour of credit is authorized for a class which meets 50 minutes per week for the semester or for the laboratory which meets two and one-half hours per week for the semester.

MAJOR REQUIREMENT

Successful completion of the courses required to qualify for a major in the department or area of specialization.

RESIDENCE REQUIREMENT

A minimum residence of two academic years, including the last year preceding graduation. A minimum of sixty hours of credit (of the 123 hours required for graduation) must be earned in courses taught at Hampden-Sydney. Following termination of the last semester of residence a student may receive no more than eight semester hours of credit for work done elsewhere.

QUALITY REQUIREMENT

A grade point average of 2.00 (C) on work taken at Hampden-Sydney and in cooperative programs, or 123 hours of C work or better, at least sixty hours of which must be earned in courses taught at Hampden-Sydney. The grade point average is calculated by dividing the total quality units earned at Hampden-Sydney and in cooperative programs by the total hours attempted.

REQUIREMENTS FOR A SECOND BACHELOR'S DEGREE

Anyone who has earned a bachelor's degree at Hampden-Sydney or elsewhere may seek to earn a second bachelor's degree at Hampden-Sydney. The candidate for the second degree must be cleared by the regular admissions process. Granting of the second degree requires the completion of two semesters of residence at Hampden-Sydney and of at least 30 hours of academic credit during that period. In addition, fulfillment of the present core requirements through courses taken in the original four-year program and/or courses taken in the fifth year, and similarly the fulfillment of the course requirements for an academic major distinct from the major of the original bachelor's degree, is required. The student's proposed fifth year program must also be approved for overall coherence and quality by the Vice President for Academic Affairs and the chairman of the major department.

Academic Regulations and Practices

Academic rules, regulations, practices and procedures are fundamental to the total educational program at Hampden-Sydney College. Each student who enrolls at Hampden-Sydney is encouraged and expected to become familiar with the regulations and practices set forth in the following section.

GRADES AND QUALITY POINTS

Course work is evaluated in the following terms:

Grades		Quality Points per semester hour
A	Excellent	4
A-	.....	3.7
B+	.....	3.3
B	Good	3
B-	.....	2.7
C+	.....	2.3
C	Fair	2
C-	.....	1.7
D+	.....	1.3
D	Poor	1
E	Failure may continue*	0
F	Failure	0
WF	Withdrew Failing	0
W	Withdrew	0
I	Incomplete	0

*This grade is given only for the first semester of continuing (0-6) courses. If a student receives the grade of E, he may continue in the following semester of that course. If the grade for the second semester is passing, the student will not be required to repeat the work of the first semester, and the graduation requirement of the whole course will be fulfilled. No hours of credit will be given for the semester which bears the grade of E.

SATISFACTORY PROGRESS

A student who at the end of any semester has an accumulated grade point ratio below 2.00 or who has fewer accumulated hours than listed below is not making satisfactory progress toward a degree:

Semester	1	2	3	4	5	6	7
Hours	14	28	43	58	73	89	105

SUSPENSION FOR ACADEMIC REASONS

Any student who fails to meet at least one of the following two sets of requirements at the end of any semester will be subject to suspension.

I. A student who at the end of any semester has fewer hours and/or a grade-point average below those listed in the following tables is subject to suspension:

Accumulated Records

Effective Semester in College	1	2	3	4	5	6	7
Hours	8	19	34	51	69	87	105
Grade-Point Ratio	1.2	1.4	1.6	1.7	1.8	1.9	2.0

Single Semester's Record

Effective Semester in College	1	2	3	4	5	6	7
Hours	8	8	12	12	12	12	12
Grade-Point Ratio	1.2	1.3	1.4	1.5	1.5	1.5	1.5

II. A student who at the end of any semester has fewer hours of work with a grade of C or better than those listed in the following table is subject to suspension:

Accumulated Records

Actual Semester
at H-SC

1 2 3 4 5 6 7 8 9 10

Hours of C

work or better 6 15 27 39 53 67 81 95 109 123

Transfer students and readmitted students should consult the associate academic dean for determination of effective class standing.

PROBATION

If a student is retained after being considered for suspension he is considered to be on probation.

CLASS ATTENDANCE

Since a college education is initiated and given direction by the work of the classroom, class attendance is essential. Professors inform their classes at the beginning of each semester what attendance is expected in each course. Students who find it necessary to miss classes for a number of days should inform the Vice President for Student Affairs. Students who find it necessary to leave the campus for medical reasons are expected to consult with the College physician. Absences for medical reasons require a written statement from the attending physician.

FRESHMAN REGISTRATION

Each new student will have the opportunity to register for his first semester courses by mail before the beginning of the new term. During orientation he will meet with his faculty advisor, who will have been provided with information about his academic record and interests, to discuss his course selections. Subsequently, he will have an opportunity to make changes in his selections before classes begin.

COURSE LOAD REGULATIONS

1. Every student is expected to carry a normal course load of 15-16 hours each semester. This usually is necessary to make satisfactory progress towards the 123 hours required for graduation.
2. Every student must carry a minimum course load of twelve hours each semester. To take fewer than twelve hours, the student must receive the permission of the associate academic dean.
3. No student may take more than sixteen hours in any semester unless he has passed at least fifteen hours in the previous semester.

4. No student may take more than nineteen hours in any semester.
5. A student hopelessly deficient in one subject may, with the permission of the instructor, advisor, and the associate academic dean, drop that course. The grade for the semester will be recorded as WF.
6. Courses may not be added after the first week of classes in any semester.
7. Courses may be dropped without penalty only during the first four weeks of classes in any semester and then only after the student has consulted his advisor and the instructor. A fee of \$5.00 will be charged students for each course dropped during this period.

Note: These course regulations may be modified by action of the executive committee of the faculty.

EXAMINATIONS

Examinations are held at the end of each semester. A charge of \$5.00, payable to the business office, is made for special examinations.

RE-EXAMINATIONS

Seniors who are doing passing work in a course but who fail the final examination may, upon the recommendation of the professor concerned and the approval of the associate academic dean, be granted a re-examination. The re-examination stands in lieu of the regular examination and must be averaged with all other grades used in the computation of the final grade, which in no case may be higher than a D.

GRADE REPORTING

At the end of each semester a grade report is sent to the parent or guardian of each dependent student. Once during the first semester and once during the second semester, reports of unsatisfactory progress in specific courses are similarly sent.

INCOMPLETES

Grades of Incomplete (I) must be removed within two weeks following the end of the semester or the grade automatically becomes an F.

DEAN'S LIST

The Dean's List is based on a grade point ratio of 3.3. No student carrying less than fifteen hours is eligible for the honor.

GRADUATION WITH HONORS

Graduation with honors shall be according to the following requirements:

<i>Summa cum laude</i>	a grade point ratio of 3.7
<i>Magna cum laude</i>	a grade point ratio of 3.5
<i>Cum laude</i>	a grade point ratio of 3.3

Note: The maximum grade point ratio is 4.0.

TRANSFER CREDIT

A student transferring college credit from another institution must have a grade of C or better for each semester hour of credit accepted. No quality points are given.

Credits are allowed only for courses which would apply to a degree at Hampden-Sydney and which are not being presented toward a degree at any other institution. No credit will be given for correspondence courses.

SUMMER SCHOOL CREDIT

Subject to departmental approval, hours earned for courses taken in summer school at a four year accredited institution are accepted if the grade earned was C or higher. The grade and hours earned are entered on the student's transcript, but no quality points are given and the grade point ratio is unaffected.

WITHDRAWAL FROM COLLEGE

Any student who withdraws from the College must have the approval of the Vice President for Academic Affairs and the Vice President for Student Affairs. A student resigning on or after December 1 of the first semester or April 1 of the second semester will receive a grade of WF in all courses. He is not ordinarily eligible to return the next semester.

EXCLUSION FROM COLLEGE

The College authorities reserve the right to exclude at any time a student whose conduct or academic standing they regard as unacceptable; in such a case fees will not be refunded or remitted, in whole or in part.

Admissions

Hampden-Sydney welcomes to its student body young men of high purpose, integrity, maturity, and scholastic ability who are seeking to advance themselves intellectually and professionally through the processes of a liberal arts education. The College's admissions policy is non-discriminatory with regard to race, color, and national origin. The College wishes to attract significant numbers of students of diverse ethnic, geographic, and social backgrounds and is especially desirous of increasing the number of students from minority groups on campus.

The secondary school academic record is the most important factor influencing the admissions decision. Significant also are the recommendations of school officials and the overall pattern represented by test scores, personal qualifications, and contributions to church, school, and community activities.

A student applying for admission to Hampden-Sydney as a freshman should plan to enroll in August. Details of the Early Decision Plan and the Regular Plan are given in the next pages; all inquiries should be addressed to the director of admissions.

ADMISSION REQUIREMENTS

- I. An applicant must be graduated from an accredited secondary school or its equivalent in order for his acceptance to be confirmed by the College.
- II. Preparation in secondary school should include the following:
 - A. four units in English.
 - B. at least two units of algebra.
 - C. one unit of geometry. Solid geometry, trigonometry, and other advanced mathematics courses are recommended.
 - D. one unit of chemistry, biology, or physics.
 - E. at least two units of one foreign language.
 - F. one unit of history or civics.
 - G. additional courses in mathematics, science, history, government, and languages.
- III. Applicants for admission to Hampden-Sydney are required to take the Scholastic Aptitude Test and two (2) Achievement Tests of the College Entrance Examination Board. The scores must be reported to Hampden-Sydney by the College Board. The SAT should be taken no later than December of the senior year. Candidates for early decision must take the SAT before the senior year.

Achievement Tests should be taken no later than January of the senior year. It is recommended that early decision candidates take the Achievement Tests before the senior year; however, the tests may be taken as late as January of the senior year. Achievement Tests required are the following:

English Composition;

Mathematics, Level I (Level II may be taken in lieu of Level I, if a student has high mathematical ability and is taking or has completed an advanced mathematics course. A conference with a counselor or mathematics teacher is recommended before taking Level II).

Although a third achievement test is not required, applicants are encouraged to take one in an area of special interest.

Complete information regarding these tests may be obtained by writing to the College Entrance Examination Board, Post Office Box 592, Princeton, New Jersey 08540.

- IV. Applicants who are accepted and indicate they plan to enroll will be sent a health certificate to be completed by the family physician. This form must be received and approved by the College physician before a student may matriculate.

The application form should be completed by the student and returned to the director of admissions, preferably in the fall of the senior year and no later than March 1. The blank transcript and personal appraisal forms provided by the College should be given to the proper secondary school officer, who should return the completed forms to the College.

In February a notice will be sent to an applicant if all evidence in support of the application has not been received. Anything lacking must be received by March 1, or full consideration of the application cannot be guaranteed.

Most decisions by the admissions committee are mailed in March. However, if an applicant is well qualified and his application and records are received prior to January 15, he may expect to be notified of the committee's decision sometime in February.

The College subscribes to the Candidates' Reply Date, which allows an accepted student until May 1 to notify Hampden-Sydney of his

REGULAR PLAN

decision. However, the College appreciates being notified as soon as the applicant has made his decision. The letter of confirmation accepting the offer of admission must be accompanied by a non-refundable, \$100.00 advance deposit applicable to the first semester bill.

EARLY DECISION PLAN

Hampden-Sydney is a member of the Uniform Early Decision Group, the object of which is to reduce the necessity for filing multiple applications and to reduce the concern about later acceptance. The plan is for well-qualified applicants who, after consulting with school authorities and parents, judge that Hampden-Sydney College is their single choice.

Under this plan, the student:

- A. Agrees to apply only to Hampden-Sydney until he is notified of the College's decision.
- B. Agrees to have his completed application, including transcript and SAT and Achievement Test* scores, in by November 1. Financial assistance applicants must have the Parents' Confidential Statement filed with the College Scholarship Service by November 1, preferably much earlier.
- C. Agrees to notify Hampden-Sydney of his decision regarding matriculation by the date stated in his acceptance letter. A non-refundable deposit of \$100.00, applicable to the first-semester bill, must accompany a confirmation.
- D. Agrees not to apply elsewhere after confirming his intention to enroll at Hampden-Sydney.

Under this plan, Hampden-Sydney:

- A. Agrees to mail a decision on admission (and financial assistance, if requested) by November 15. The decision in each case will be either acceptance or deferment; no rejections will be made under this plan.
- B. Agrees not to require the accepted candidate who has indicated his intention to matriculate and who has made his deposit to take further admission tests.*

*If a candidate meets all requirements other than the completion of the Achievement Test requirement, he may still apply under the Early Decision Plan. However, he must take the Achievement Tests no later than January of his senior year.

- C. Guarantees the deferred applicant that his application will receive thorough, unbiased consideration under the Regular Plan. The deferred candidate will be free to apply to other colleges.

Hampden-Sydney subscribes to the purposes of the Advanced Placement Program of the College Entrance Examination Board. Entering students who have completed advanced work in secondary school and who present satisfactory grades on the Advanced Placement Examinations, or other appropriate evidence, may receive credit toward graduation and may be placed in courses above the level of the freshman year. In all cases, decisions regarding advanced placement and credit shall be made by the department concerned.

ADVANCED PLACEMENT AND CREDIT

Interviews are not required, but an applicant is encouraged to visit the campus and the admissions office. In addition, conferences with faculty members in the applicant's area of interest may be arranged during the campus visit. A written or telephoned request for an appointment with an admissions officer should be made at least one week in advance of an anticipated visit. While the College is in session, the admissions office is open for appointments on weekdays from 8:30 a.m. to 4:30 p.m., and on Saturday mornings from 9:00 a.m. until noon. During the summer recess, the office is open only on weekdays. The admissions office is located on the second floor of Atkinson Hall, the administration building.

CAMPUS VISITS

For many years, the formal and informal efforts of Hampden-Sydney alumni, parents, and friends have significantly helped the College's admissions program. Each year, numerous alumni, parents, and friends are involved in the Admissions Resources Program as Admissions Representatives.

ADMISSIONS RESOURCES PROGRAM

Complete information on the program and the names of area representatives may be obtained from the admissions office.

Hampden-Sydney has no summer school. An entering student who plans to attend summer school to acquire college credit before matriculating at Hampden-Sydney should obtain permission from the Vice President for Academic Affairs to ensure the transfer of the credits.

SUMMER SCHOOL

READMISSION

A former Hampden-Sydney student desiring to return to Hampden-Sydney should write to the Director of Admissions describing his activities since leaving Hampden-Sydney and giving his reasons for wanting to return. Academic transcripts and recommendations from employers must be furnished when appropriate. Students planning to re-enter in the second semester should apply no later than December 1; those planning to enter in August should apply by June 1. Students under academic suspension are eligible to apply for readmission after one semester's absence from the College.

TRANSFER STUDENTS

Each year Hampden-Sydney accepts qualified transfer students. August is the normal time for entrance, although students may be accepted for admission for the second semester. Students desiring to enter in August should apply by June 1; those interested in second semester admission should apply by December 1.

Transferring from one college to another almost always involves loss of credits. Credits may be accorded a student transferring course work similar to that offered by Hampden-Sydney from an accredited institution. No credit will be allowed for work taken elsewhere if the student earns credit for the equivalent of this work at Hampden-Sydney.

A student seeking admission from another institution must have earned grades above the minimum passing mark in the courses which he presents for transfer (see section on Transfer Credits). It is the policy of the College to deny admission to a transfer student unless the student is eligible to return to the college from which he wishes to transfer.

All inquiries should be addressed to the Director of Admissions.

Expenses & Financial Aid

Hampden-Sydney does not operate for profit, and expenses are maintained at a minimum consistent with efficiency and high standards. Actual student fees account for approximately 75% of the total cost of the student's education. The remainder is provided by income from endowment and the gifts of alumni, friends, foundations, and others.

EXPENSES*

Expenses* and costs listed below are composed of certain fixed fees payable to the College, along with several variable expenses.

	1975-76	1976-77
Comprehensive Fee	\$2,425.00	\$2,750.00
Room Rent:		
Cushing, Graham, & Venable	300.00	300.00
Room Rent:		
Whitehouse	400.00	400.00
Board	700.00	775.00
Total	\$3,425.00/\$3,525.00	\$3,825.00/\$3,925.00
Special Fees:		
Damage Deposit	\$100.00	
Late Enrollment	15.00	
Graduation Fee	25.00	

VARIABLE EXPENSES

Each student pays for his own:

Books (approximate cost)	\$175.00
Laundry (approximate cost)	\$ 65.00
Personal Expenses (determined by student and his parents)	
Laboratory Breakage Deposit (for certain courses; returnable except for the actual cost of materials destroyed or consumed).	

Books may be purchased at the College Shop on a cash basis only. Laundry may be arranged through the local laundries, or students may use the self-service laundromats on and near campus. Personal expenses involving clothes, travel, entertainment, dues to organizations, and incidentals are subject to personal habits and means.

*The College reserves the right to increase charges without prior notice.

EXPLANATION OF FEES

The Comprehensive Fee covers tuition, materials required in laboratory courses, medical care in the College infirmary, accident and hospitalization insurance, admission to athletic events held on the campus, the cost to students of student publications, and some other activities. The fee does not cover breakage of College property or the purchase of expendable materials for laboratory courses.

Room rent in the dormitory covers cost of occupancy and use of utilities. Freshmen live in Venable and Graham Halls and sophomores and upper classmen in Cushing and Whitehouse Halls.

Each student is responsible to the College for the condition of his room and is expected to report any damage of College property to the Vice President for Student Affairs. He must pay the costs of repairs or replacement and, depending on the circumstances, disciplinary action may be taken.

In addition to the main dining hall, the Patrick Henry Room, James Madison Room and William Henry Harrison Room are available for small parties and banquets and special occasions.

In the senior year there is payable on February 1 a graduation fee of \$25.00, which covers cost of diploma and rental of cap and gown for the Commencement functions.

PAYMENT OF FEES*

One-half of the fixed fees is payable on or before registration in August; the balance is due on or before second-semester registration.

Checks should be made payable to Hampden-Sydney College and mailed to the Business Office.

*New students pay an advance, non-refundable deposit of \$100.00 upon acceptance of admission. Returning students pay an advance deposit of \$100.00 on or before March 15. The advance payment is credited toward regular fees upon enrollment in August.

MONTHLY PAYMENTS

For those parents wishing to make payments monthly, the College offers the following plans: Tuition Plan, Inc. and Insured Tuition Payment Plan.

RETURN OF FEES

There is no refund of fees, except when the College physician recommends the withdrawal of a student before the middle of a semester for reasons of health. There is no refund of room rent. A refund of unused board is allowed if withdrawal occurs prior to two weeks before the end of a semester.

One-half of the value of a scholarship or grant-in-aid awarded to a student will be credited against the first semester's charges; the balance will be credited to the student's account for the second semester.

SCHOLARSHIP PAYMENTS

The University Life Insurance Plan is available to Hampden-Sydney students on an optional basis. It provides coverage of \$10,000 of annually renewable, convertible term insurance with the Fidelity Bankers Life Insurance Corporation.

LIFE INSURANCE

Hampden-Sydney recognizes the need to place all possible financial assistance at the disposal of well-qualified applicants. Financial assistance consists of scholarships, loans, and campus employment, which may be offered to students singly or in various combinations. In selecting students to receive financial assistance, the student aid committee places primary emphasis upon academic achievement, character, future promise, and need.

FINANCIAL ASSISTANCE

Hampden-Sydney participates in the College Scholarship Service Assembly (CSS) of the College Entrance Examination Board. Participants in the CSS subscribe to the principle that the amount of financial aid granted a student should be based upon need. The CSS assists colleges and universities and other agencies in determining the student's need for financial assistance. Parents of applicants seeking financial assistance are required to submit the Parents' Confidential Statement (PCS) to the CSS by February 1, preferably much earlier. No guarantee of financial assistance can be made unless the proper forms are received by the CSS in Princeton, N.J., prior to the February 1 deadline. Hampden-Sydney College should be designated as a recipient. Inquiries concerning financial aid should be addressed to the director of financial aid.

GRANTS-IN-AID

This is the largest source of revenue for financial aid. The funds consist of money derived from endowment and gifts to, as well as direct grants from, the College.

BICENTENNIAL SCHOLARSHIPS

MERIT SCHOLARSHIPS

Two full tuition-remission scholarships are awarded each year to entering freshmen. These four-year scholarships are based solely upon superior academic achievement and potential. Financial need is not a selection consideration.

PATRICK HENRY SCHOLARSHIPS

Between three and five entering freshmen are selected as Patrick Henry Scholars. The four year award, which honors Patrick Henry, charter trustee of the College (1775-1799), is based on academic achievement and demonstrated qualities of leadership. The award meets a student's full demonstrated financial need. If there is no financial need, the award is \$1,000.

THE VENABLE SCHOLARSHIP

The Venable Scholarship, one of the highest honors bestowed upon an entering freshman, is awarded to a young man representing the highest type of manhood. This is a four-year scholarship ranging in value from \$100.00 to a full scholarship per year, the actual amount being dependent upon the financial need of the recipient.

HONOR SCHOLARSHIPS

Approximately four Honor Scholarships are awarded to incoming freshmen in recognition of superior academic and extracurricular achievements. This four-year scholarship has a value of up to full tuition per year, the actual amount reflecting the financial need of the recipient. If no need is evident, the award is honorary.

LEADERSHIP AWARDS

The two Leadership Awards, including the Moomaw Award, are awarded to entering freshmen who have demonstrated noteworthy leadership achievement. Each is a four-year scholarship with a value of up to full tuition per year, the exact amount depending upon the financial need of the recipient. If there is no financial need, the award is honorary.

PHYSICS SCHOLARSHIPS

A full tuition-remission scholarship is awarded each year to an entering freshman who has definite plans to major in Physics. This four-year scholarship is based solely upon superior academic achievement and tested aptitude. It is recommended that applicants for this scholarship have a Math SAT score above 700. Financial need is not a selection consideration.

ENGLISH SCHOLARSHIPS

One full tuition-remission scholarship plus an additional stipend of \$500 is awarded each year to an entering freshman who demonstrates outstanding talent in English composition. The award is for one year only. Financial need is not a selection consideration.

ENDOWED SCHOLARSHIPS

Hampden-Sydney College recognizes the importance and the generosity of the contributions of alumni, parents, and friends to the General Scholarship Endowment. Each of the endowed scholarships listed below produces significant income which supplements the College's financial aid program and is, therefore, individually designated. In most cases, endowed scholarships are not individually designated unless the capital contribution exceeds \$5000 and/or the endowment income exceeds \$250.

Florence J. Abney Memorial Scholarship was established in 1961 by a gift of Florence J. Abney. Preference is given to students from the state of West Virginia.

Colonel and Mrs. George E. Adamson Scholarship was established in 1946 by Colonel Adamson of Washington, D.C., to be given to a member of the senior class on the basis of financial need, character, and promise.

Paul Tulane Atkinson Memorial Scholarship Fund was established in 1964 by gifts from Mr. Carlyle Gee, Class of 1926, of Greensboro, North Carolina, and other friends and alumni of the College in memory of Mr. Atkinson, Treasurer of the College from 1919 to 1957.

George H. and Minnie Bradley Alexander Scholarship was established under the will of Mr. and Mrs. G. H. Alexander of Norfolk, Virginia, in 1957.

Lewis O. Brown Memorial Scholarship was established in 1973 by his widow, Mrs. Mary Patsel Brown of Roanoke, Virginia. Roanoke students are given preference.

Burroughs Memorial Scholarships were established through the will of Mr. Charles F. Burroughs of Norfolk, Virginia. A number of annual scholarships are available to students from the Tidewater area who are selected by the Norfolk Foundation upon recommendation of the College. Students should apply directly to The Norfolk Foundation, 406 Royster Building, Norfolk, Virginia 23510.

George Evans Caskie Memorial Scholarship was established in 1970 by a bequest from Mr. James R. Caskie, in memory of his father.

Donald L. Cork Scholarship was established by gifts to the College from Mr. Donald L. Cork of Charleston, West Virginia, a member of the Class of 1913.

Edmund Baker Davenport Scholarship was established in 1972 by Mrs. Claude R. Davenport, Mr. and Mrs. Claude R. Davenport, Jr., Mr. and Mrs. George L. Fosque, and Mr. and Mrs. Charles C. Chewning. The awards are made in the form of loans which need not be repaid if the student maintains an average of 2.0 or better.

Dryden-Morehead Scholarships were established in 1905 through a bequest under the will of Mrs. Sarah A. Dryden of Putnam County, West Virginia.

Miss Mary Margaret East Scholarship was established by Mr. David E. East of Raphine, Virginia.

H. Spencer Edmunds Memorial Scholarship was established in 1950 by the Second Presbyterian Church, Roanoke, Virginia, as a ministerial scholarship in memory of its former pastor, The Reverend Mr. H. Spencer Edmunds.

Farmville Manufacturing Company Scholarship was established by the Farmville Manufacturing Company, Farmville, Virginia.

First National Bank Scholarship was established in 1972 by the First National Bank of Farmville, Virginia, to benefit an economics major.

William Fitzgerald Memorial Scholarships were established in 1968 by the St. Giles Presbyterian Church, Richmond, Virginia. Annual scholarships are available to needy and worthy students. Young men from St. Giles Church are to receive first consideration, but the scholarship award is not limited solely to St. Giles' students.

Sallie T. Flournoy Memorial Scholarship was established in 1961 to assist students studying for the ministry.

Frayser Scholarship was established in 1954 by a bequest from the estate of Mrs. Anne R. Finch Frayser.

Dr. Benjamin Hobson Frayser Scholarship was established in 1945 by Mrs. Anne R. F. Frayser in memory of her son, Dr. Benjamin Hobson Frayser.

Charles Callaway Guthrie Scholarship was established in 1968 by gifts from Mr. J. Dennett Guthrie and supplemented by gifts from Mr. Charles R. Guthrie in honor of their father.

Anna Carrington Harrison Leadership Scholarship was established as a memorial to his mother by Mr. Fred N. Harrison of Richmond,

Virginia, long time member of the College Board of Trustees. The annual scholarship is designated for a student showing outstanding leadership ability on the campus.

Warren W. Hobbie Scholarship was established in 1959 and later supplemented by gifts from Mr. Warren W. Hobbie of Roanoke, Virginia, a former member of the Board of Trustees.

Randall Holden Memorial Scholarship was established through gifts and a bequest of W. R. Holden of South Hill, Virginia, and later supplemented by a bequest from the estate of Mrs. Eva Holden Johnston.

Eugene C. Hurt, Jr. and Annie R. Hurt Scholarship was established in 1966 through a bequest from the will of Mr. E. C. Hurt of Chatham, Virginia. Preference is given to students from Halifax and Pittsylvania Counties.

Albert Sidney and Virginia Parlett Johnson Memorial Loan Fund was established in 1966 by a gift of Mr. Robert D. Johnson, Class of 1936. The award, which must be repaid, is given to a deserving upperclassman.

Eva Y. Jones Scholarship was established in 1958 by the Second Presbyterian Church, Roanoke, Virginia, to be awarded to a Presbyterian student studying for the ministry who is in need of financial assistance.

John Franklin Kincaid, Jr. Memorial Scholarship was established in 1945 by gifts from Mrs. John F. Kincaid, Jr., Mrs. Nan Lin Kincaid, and Mrs. Allie Anderson in memory of Lieutenant Kincaid, USN Medical Corps, who was killed in action of Okinawa in April, 1945. This scholarship is designated for a pre-medical student of character and ability.

Lewis G. Larus Scholarship was established in 1966 through a gift from the estate of Mr. Lewis G. Larus of Richmond, Virginia, a former member of the Board of Trustees.

Alfred L. Lorraine, Jr. Memorial Scholarship was established by gifts from Mr. and Mrs. A. L. Lorraine of Richmond, Virginia, as a memorial to their son who gave his life for his country in World War II.

Philip Lee Lotz Scholarship was established by the Iota Chapter of Pi Kappa Alpha. The award is made to a deserving member of Pi Kappa Alpha at the choice of the Chapter.

The Madison Scholarship Fund was established in 1961 through a bequest under the will of Mrs. Janet B. M. Nichols of Petersburg, Virginia, in memory of her first husband, Wilkes Madison.

The Philip W. McKinney Scholarship Fund was established in 1964 by a bequest from the estate of Mrs. Frankie McKinney Van Winkle, in honor of her father, Governor Philip W. McKinney, a member of the Class of 1851.

Ben and Mayo Moomaw Scholarship Fund was established in 1964 by gifts of Mr. and Mrs. Ben F. Moomaw of Lynchburg, Virginia. Named in honor of Mr. and Mrs. Moomaw, the Moomaw Fund has been designated as a leadership scholarship to be awarded to an entering freshman who has demonstrated noteworthy leadership achievement.

Fred May Morton and Mary Morton Platt Scholarship Fund was established in 1963 by a gift from Mrs. Mary Morton Platt of Baltimore, Maryland, in memory of her brother and supplemented in 1973 by The Theodore H. Barth Foundation.

Wallace C. Nunley Golf Scholarship was established by Dr. Wallace C. Nunley of Clifton Forge, Virginia, and Dr. Wallace C. Nunley, Jr. The scholarship, which is based on need, is awarded to a member of the Hampden-Sydney golf team after one year's team participation.

ODK Leadership Scholarship was established in 1971 by the Lambda Circle of Omicron Delta Kappa at Hampden-Sydney. The award is made for the freshman year only to an entering student selected by the Circle. Need is not a criterion.

Truman Alfred Parker Scholarship was established by a bequest from Judith H. M. Parker of LaJolla, California. Students in the pre-medical program are given preference.

William T. Pugh Memorial Fund was established by the Fidelity National Bank of Lynchburg, Virginia, in memory of Dr. Pugh, a member of the Class of 1923 and a former member of the Board of Trustees.

Read-Lancaster Memorial Scholarship was established through gifts from Mrs. Edmonia C. L. Metcalf of Charlottesville, Virginia, in memory of her mother, Mrs. Agnes Elizabeth Read Lancaster and her uncles, Mr. Abram Carrington Read and Mr. Isaac Mayo Read. In addition to her immediate family, Mrs. Metcalf specified the scholarships as a memorial in remembrance of the Reads of "Greenfield", Charlotte County, Virginia.

H. Melvin Roberts Memorial Scholarship was established in 1958 by Mrs. H. M. Roberts of Shaker Heights, Ohio, in memory of her husband.

Clarence B. Robertson Memorial Scholarship was established in 1969 by a bequest from Mr. Robertson, a former member of the Board of Trustees.

Charles Francis Robinson Educational Fund was established in 1969 by a bequest from Mr. Robinson's mother, Evelyn D. Robinson.

Philip H. Ropp Memorial Scholarship was established by a bequest from Dr. Ropp, alumnus and Hurt Professor of English at Hampden-Sydney.

Slater Scholarship was established through gifts of ARA Slater Corporation, Philadelphia, Pennsylvania.

Mr. and Mrs. Hugh B. Sproul Scholarship was established by a gift of Mr. Hugh B. Sproul of Staunton, Virginia.

The Stamps Scholarship was established in 1936 by a gift from Mrs. F. S. Royster of Norfolk, Virginia, in memory of her father, Dr. William L. Stamps, and her brothers, Mr. Edward R. Stamps and Dr. Thomas Stamps.

George Mayo Tabb Memorial Scholarship was established in 1960 through a bequest from the will of Miss Annie Glass Tabb of Staunton, Virginia, in memory of her nephew, George M. Tabb, a member of the Class of 1926.

Dr. J. Ernest Thacker Memorial Scholarship Fund was established through gifts from the Second Presbyterian Church, Norfolk, Virginia, in memory of their former pastor. The fund was supplemented in 1955 by a bequest of Ellen C. Hooff.

Mr. and Mrs. George C. Thomas, Jr. Scholarship Fund was established in 1953 and supplemented in 1973 through gifts from Mr. and Mrs. George C. Thomas, Jr. of New Jersey and Florida.

John H. Timberlake Memorial Scholarship was established in 1939 through a bequest from the will of Miss Carrie C. Timberlake.

James G. Tinsley Memorial Scholarship was established through gifts from Mr. and Mrs. Benjamin P. Alsop, Mrs. Edward Mack, Mrs. S. R. Rose, and Mr. and Mrs. W. A. Moncure.

Joseph I. Triplett Memorial Scholarship was established in 1963 through the will of Joseph I. Triplett, Jr. of Shepherdstown, West Virginia.

The Albert James Truitt and Julia Harrison Truitt Memorial Scholarship was established in 1949 through a bequest from the will of Mrs. Julia E. Truitt of Norfolk, Virginia, and designated for the assistance of students studying for the ministry.

Achilles L. Tynes Scholarship was established in 1958 by Misses Eliza I. and Frances M. Tynes of Tazewell, Virginia, in memory of their brother, a member of the Class of 1894.

Richard Morton Venable Scholarship Fund was established in 1964 by a gift from Mr. and Mrs. Richard M. Venable of Charleston, West Virginia. Mr. Venable was a member of the Class of 1920 and a direct descendant of Nathaniel Venable, one of the founding Trustees. The Venable Scholarship is to be awarded to an outstanding high school senior with the amount of the scholarship being based upon the recipient's need. There is one Venable Scholar for each class.

Waddell-Gordon Scholarship Fund was established in 1952 by Mr. James W. Gordon, Jr. of Richmond, Virginia, Class of 1932. Preference is given a student who plans to attend the Union Theological Seminary in Richmond.

Wallace-Barner Scholarship was established in 1953 and later supplemented by gifts from Dr. K. K. Wallace of Norfolk, Virginia, and gifts given in memory of Mr. George Barner.

Wallace-Blanton Scholarship was established in 1973 by Miss Ellen Barbour Wallace of Nashville, Tennessee, in memory of her father Clarence Blair Wallace of the Class of 1880 and John Dielle Blanton of the Class of 1879.

J. Mebane Ward Memorial Scholarship was established in 1972 by a bequest from Mr. Ward, Class of 1927.

A. D. Witten Scholarship was established by gifts from Mr. A. D. Witten and Mrs. Cecil Witten Ford of Martinsville, Virginia.

Jessie Reames Young and Charles Reames Young Scholarship was established by an anonymous donor to benefit graduates of Dinwiddie County High School attending Hampden-Sydney.

ANNUAL SCHOLARSHIPS

Hampden-Sydney College recognizes the importance and generosity of the contributions of alumni, parents, and friends to the Annual Scholarship Fund. Annual Scholarships are not individually designated unless the donor agrees to an annual contribution in excess of \$200 to be awarded over a significant number of years. For those individually designated Annual Scholarships established after 1975, the minimum contribution must be \$500.

The Baker Scholarships. Since 1967 from 3 to 5 Baker Scholarships were awarded each year to entering freshmen through the generosity of the George F. Baker Trust of New York. The Trust was created by the will of Mr. George F. Baker, Jr., a former Chairman of the Board of the First National Bank of New York, and the scholarships are given in recognition of leadership. The scholarship is a four year award and meets the full financial need of each scholar. The scholarship is no longer available to entering freshmen.

William Carroll Chewning, Jr. Memorial Scholarship was established in 1975 by Mr. William Carroll Chewning in memory of his son.

Nelson W. Coe, III Memorial Scholarship was established in 1969 by Mr. and Mrs. Charles E. Coe in memory of Mr. Coe's brother. Preference is given to students from Westminster Presbyterian Church in Alexandria, Virginia.

George C. "Chip" Freeman, III Memorial Scholarships were established in 1974 by Mr. and Mrs. George C. Freeman, Jr. of Fredericksburg, Virginia, in memory of their son.

James Buckner Massey Scholarship. Each year since 1957 a scholarship has been made possible through gifts of Dr. F. M. Ryburn of Lubbock, Texas, in memory of Dr. James B. Massey, long time Professor of Bible at Hampden-Sydney. Preference is to be given to sons of ministers.

McGuire-Boyd Scholarship was established through annual gifts since 1965 by James Nalle Boyd, a member of the Class of 1958, and John Peyton McGuire Boyd, a member of the Class of 1964, of Richmond, Virginia, in memory of their parents, Mr. and Mrs. John W. Boyd. The scholarship is to be awarded to a deserving upperclassman displaying outstanding qualities of character and leadership. Academic and athletic achievement as well as financial need are taken into consideration.

Munoz Pre-Medical Student Scholarship was established in 1972 by Dr. Anthony J. Munoz of Farmville, Virginia, to benefit a deserving pre-medical student.

Algernon Sydney Sullivan Foundation. Annual grants from the Algernon Sydney Sullivan Foundation of New York since 1936 have provided scholarships at Hampden-Sydney in memory of Algernon Sydney Sullivan, founder and first president of the New York Southern Society. The scholarships are awarded to deserving students to stimulate their spiritual development by encouraging their study of the life of Algernon Sydney Sullivan. To that end, each recipient is required to read the biography of Mr. Sullivan and to submit an essay expressing the student's appreciation of life's finer qualities as exemplified by Algernon Sydney Sullivan.

Joseph Moss White and Josephine Virginia Brown White Scholarship was established in 1975 by Mr. Joseph W. White, Jr., Mr. James S. White, and Dr. Paul F. White in honor of their parents.

SPECIAL SCHOLARSHIPS

Day Student Scholarship. Each year a full tuition-remission scholarship is awarded to a graduate of Prince Edward County High School to attend Hampden-Sydney. The recipient is selected by the Admissions Committee from recommendations by the high school's Director of Guidance. The scholarship is for four years.

Samuel Stanhope Smith Minority Scholarships are awarded to well qualified minority students. This merit scholarship is based on academic ability, character, and leadership potential. The award honors Samuel Stanhope Smith, first president of Hampden-Sydney College (1775-1779), for his early contributions to racial understanding while a teacher of moral philosophy at the College of New Jersey (Princeton). Funds for this scholarship were raised by members of the College community and supplemented by a grant from the General Mills Foundation.

VIRGINIA TUITION ASSISTANCE GRANT AND LOAN PROGRAM

The Tuition Assistance Grant and Loan Act of 1972 as amended in 1973 and 1975 provides for loans, repayable either in money or in several alternate ways, to Virginia residents who choose to attend private, accredited, non-profit colleges and universities in the State. A financial statement is not required. Need is not a criterion.

The plan provides for interest-free use of the money for as long as the recipient remains in school.

The exact amount of the loan varies with current funding.

GUARANTEED LOANS

The College recommends loans for qualified students through the United States Aid Funds, a private, non-profit corporation which endorses low-cost loans made by a student's home town bank. Also, most states have agencies guaranteeing loans to students for education purposes.

In each plan a student may borrow up to \$2,500.00 per academic year from a participating bank, usually a bank in the student's home town. Repayment begins after one leaves college. Interest is no more than 7% and begins when the loan is made. For a student who qualifies under federal law, the government will pay the interest until repayment begins.

Eligibility for federal interest benefits is dependent upon the need of the student borrower as determined by the College's financial aid officer and the lender. A Parents' Confidential Statement must be submitted to the College by those wishing to be considered for federal interest benefits. Students interested in this program should contact participating banks.

BOOKER-STEBBINS LOAN FUND

A student may borrow up to one-half of his college expenses for the year at 3% simple interest. This is primarily a source for an emergency or short-term loan, and repayment is due one year from completion of the semester during which the loan was made.

BASIC EDUCATIONAL OPPORTUNITY GRANTS **FEDERAL PROGRAMS**

Basic Educational Opportunity Grants make funds available to eligible students of exceptional need. Applications for new students are available from the high school guidance office, post offices, and post-secondary educational institutions. Hampden-Sydney students may secure applications at the financial aid office.

COLLEGE WORK-STUDY PROGRAM

Students with need may earn part of the money needed for college expenses by being awarded a job on campus through the College Work-Study Program. The student is paid at an hourly rate and receives a check at the end of each month for that month's work. Most jobs require between 8 and 10 hours of work per week at no less than the national student minimum wage per hour. In addition, there are several jobs available on campus during the summer months which require as many as 40 hours of work per week.

SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS

The Supplemental Educational Opportunity Grants Program is for students of exceptional financial need who, without this grant, would be unable to continue their education. Grants of up to \$1,500.00 a year are available. If one is selected for an SEOG, one will also receive additional financial aid at least equal to the SEOG amount.

NATIONAL DIRECT STUDENT LOANS

The College awards National Direct Student Loans of up to \$1,500.00 per year to needy students. There is no interest until after the student leaves college and repayment begins 9 months after the student ceases at least half-time study and may extend over a 10-year period. Interest charges of 3% also begin at the start of the repayment period. No repayment is required and no interest is charged for any period up to three years during which the loan recipient serves in the Armed Forces, Peace Corps, or VISTA. The program also provides for partial loan cancellation for students who serve specified military duty.

APPLICATION PROCEDURE NEW STUDENTS

Every applicant for financial aid should first secure an application form for admission to Hampden-Sydney, on which he may note his intention to apply for financial assistance. He then must complete the College's own financial aid application form. An applicant's parents must also submit a Parents' Confidential Statement (PCS) to the CSS by February 1, preferably much earlier. The PCS may be obtained from the school counselor or from the College Scholarship Service, Box 176, Princeton, New Jersey 08540.

Financial aid decisions are made by the student aid committee. Notices are mailed with the admissions decision whenever possible. Applying for aid in no way affects the admissions decision.

STUDENTS ENROLLED AT HAMPDEN-SYDNEY

Hampden-Sydney students applying for aid for the first time or for a renewal of present aid should obtain from the director of financial aid a Parents' Confidential Statement, or Student's Financial Statement (where applicable) which should be completed and returned to the CSS by February 1. Award notices are mailed to students in June.

RENEWAL

Awards are made for one session only. A PCS must be filed with the financial aid office each year, and the committee upon review of the PCS may make adjustments in the award reflecting changes in the financial situation.

A student normally is expected to maintain a 2.0 (maximum 4.0) academic average each academic year to retain aid for the next year. Patrick Henry, Baker, Venable, Honor, and Leadership award winners are expected to maintain a 2.5 average to retain their scholarships. Bicentennial Scholars and Physics Scholars are expected to maintain a 3.3 average (dean's list) to retain their scholarships.

The composition of the total award (how much is grant, loan, job) each year will reflect the quality of the student's academic work. Generally, those with the highest averages will receive more grant and less loan than those with lower averages.

Awards may be cancelled at any time when the citizenship or the work of the recipient is deemed unsatisfactory.

Divisions of Study

The academic departments and courses of instruction are grouped according to the following three divisions:

HUMANITIES, including the Departments of Bible and Religion, Classics, English, Fine Arts, Modern Languages, Philosophy, and Western Man.

NATURAL SCIENCES, including the Departments of Biology, Chemistry, Physics, and Mathematics.

SOCIAL SCIENCES, including the Departments of Economics, History, Government and Foreign Affairs, Psychology, and Physical Education.

Course Offerings

BIBLE AND RELIGION PROFESSOR CLOWER; ASSOCIATE PROFESSORS NORMENT, ROGERS

The requirements for a major in Bible and Religion are 30 hours in Bible and Religion courses. Of this total, a minimum of 3 hours must be in Old Testament and 9 hours in New Testament courses. 6 hours in Philosophy courses are also required. Philosophy 307, if elected in addition to the required 6 hours in Philosophy, may be substituted for 3 hours in Bible and Religion. Also recommended: 6 hours in Greek, 6 hours in German.

The requirements for a concentration in Bible and Religion and Philosophy are 18 hours in each department, specific courses and cognate courses to be chosen in consultation with the departments.

BIBLE 201. (3)

THE OLD TESTAMENT HERITAGE. An introduction to the history and literature of the Old Testament. Open only to students with no prior credits in Old Testament studies, except by permission of the instructor. Prerequisite: None. Offered: Fall semester.

BIBLE 202. (3) *Staff*

INTRODUCTION TO THE NEW TESTAMENT. An introductory survey of Christian origins and of the literature of the New Testament. Open only to students with no prior credits in New Testament studies, except by permission of the instructor. Prerequisite: None. Offered: Spring semester.

BIBLE 206. (3) *Staff*

THE HEBREW PROPHETS. An investigation of the rise and development of the prophetic movement in Israel, with particular emphasis upon the relevance of the prophets for their own and later times. Prerequisite: None. Offered: Spring semester.

BIBLE 209. (3) *Staff*

JESUS IN THE SYNOPTIC TRADITION. An evaluation of the person and work of Jesus as portrayed in Matthew, Mark, and Luke. Prerequisite: None. Offered: Fall semester; may also be offered spring semester.

BIBLE 211. (3) *Clower*

THE LABORS AND LETTERS OF PAUL. An examination of Paul's role in the development of the New Testament Church. Prerequisite: None. Offered: Fall semester.

BIBLE 212. (3) *Rogers*

ROMANS. A study of Paul's theology as developed in his letter to the Church at Rome. Prerequisite: None. Offered: Spring semester.

BIBLE 214. (3) *Clower*

THE JOHANNINE LITERATURE. A study of the five New Testament books traditionally associated with "John"—the Gospel of John, the Epistles of John, the Revelation. Prerequisite: None. Offered: Spring semester.

BIBLE 215. (3) *Rogers*

BIBLICAL ARCHAEOLOGY AND BIBLICAL HISTORY. History and methodology of Near Eastern excavations, including a concentrated study of several Biblical sites. Analysis of the contributions of archaeological research to a more accurate understanding of the history and everyday life of the Biblical period (Old and New Testament times) within the broader context of the history of the ancient Near Eastern and Mediterranean worlds. Bible 201 would be useful. Prerequisite: None. Offered: Fall semester of odd years.

BIBLE 285-86. (3-3) *Rogers*

TUTORIAL IN BIBLICAL HEBREW. Introduction to basic vocabulary and grammar of Biblical Hebrew. Emphasis on: (1) learning to read sentences in the Hebrew Old Testament; (2) acquiring a facility in using a Hebrew lexicon and in using the critical notes in the Hebrew text. Prerequisite: None. Offered on sufficient demand.

RELIGION 301. (3)

Rogers

MAN AS A RELIGIOUS CREATURE. The contribution of anthropology, sociology, psychology, and philosophy to an understanding of man's religious nature. Prerequisite: None. Offered: Fall semester.

RELIGION 303. (3)

Clower

JUDAISM AS A LIVING TRADITION. Jewish history and religion, institutions and observances, customs and lore from the Biblical period to the present. Prerequisite: None. Offered: Fall semester of odd years.

RELIGION 304. (3)

Clower

RELIGIONS OF THE MIDDLE EAST. A tracing of the cultural and religious history of the Middle East with particular attention to two features: (1) the emergence of Zoroastrianism and its influence upon postexilic Judaism, and (2) the rise and development of Islam from the seventh century to modern times. Prerequisite: None. Offered: Spring semester of even years.

RELIGION 305. (3)

Clower

RELIGIONS OF INDIA. A study of the religions of India and of the historical and cultural context in which they developed. Prerequisite: None. Offered: Fall semester of even years.

RELIGION 306. (3)

Clower

RELIGIONS OF EAST ASIA. A study of Taoism, Confucianism, Shintoism, and Buddhism in the context of the history and culture of East Asia. Prerequisite: None. Offered: Spring semester of odd years.

RELIGION 307. (3)

Norment

RELIGION IN AMERICA. A study of the role of religion in the development of American culture, with particular attention to distinctive Christian groups and to significant trends in American Christian thought. Prerequisite: None. Offered: Spring semester.

RELIGION 308. (3)

Norment

CONTEMPORARY CHRISTIAN THEOLOGY. A study of major developments and the writings of significant leaders, European and American, in 20th century Christian thought, with particular attention to current trends. Prerequisite: At least one 200-level Bible course. Offered: Fall semester.

RELIGION 309. (3)

Norment

CHRISTIAN ETHICS. A study of significant traditional and contemporary emphases in Christian ethical theory, and the application of Christian ethical analysis to selected moral and social issues. Prerequisite: None required, but at least one 200-level New Testament course recommended. Offered: Fall semester.

RELIGION 405. (3)

Clower and Norment

RELIGION AND THE PARANORMAL. An historical and ideological examination of specific aspects of man's perennial interest in the occult and in paranormal phenomena, in an attempt to understand the role and significance of these matters in the history of religious thought and practice. Prerequisites: 6 hours in Bible and Religion courses, including at least one 200-level Bible course. Open only to juniors and seniors. Offered: Spring semester.

RELIGION 406. (3)

Norment

CONTEMPORARY ISSUES IN CHRISTIAN ETHICS. Intensive study of selected issues, both theoretical and practical, in the field of Christian ethics; a seminar course. Prerequisite: Either Religion 309 or Philosophy 304, or permission of the instructor. Open only to juniors and seniors. Offered: Spring semester.

RELIGION 407. (3)

Norment

RELIGION AND DEATH. A study of the perception and management of death in various religious traditions, with particular reference to New Testament conceptions and the perspectives of contemporary theologians; consideration of certain ethical issues associated with death and dying. Prerequisite: At least one 200-level Bible course, or Religion 301, 303, 304, 305, or 306. Offered: Fall semester of odd years.

RELIGION 475. (3)

Staff

SEMINAR IN CONTEMPORARY THEOLOGICAL ISSUES. Intensive study of selected issues in the fields of contemporary and/or Biblical theology. The topic for 1975-76: Theology of Liberation. Limited enrollment. Open to juniors and seniors (sophomores by permission of the instructor). Offered: Spring semester.

RELIGION 485. (1, 2, or 3 hours)

Staff

SPECIAL TOPICS. Intensive study of selected topics or writers in the areas of Biblical and religious studies, chosen on the basis of student interest. Prerequisites: At least 6 hours in Bible and Religion courses. Offered: Either semester; enrollment by arrangement with the instructor.

RELIGION 495. (1, 2, or 3 hours)

Staff

INDEPENDENT STUDY. Supervised reading and research for advanced students. Prerequisites: At least 9 hours in Bible and Religion courses. Offered: On request.

BIBLIOGRAPHY 485. (1)

Craddock

A special topics course in the bibliography of selected subject areas, such as English Bibliography, Government Documents, and Medical Bibliography. Prerequisite: None. Registration open to juniors and seniors, or by consent of the instructor. May be taken more than once if the contents vary. Offered: On demand.

BIBLIOGRAPHY

BIOLOGY PROFESSOR TURNEY; ASSOCIATE PROFESSORS CRAWFORD,
GEMBORYS, SHEAR; ASSISTANT PROFESSOR LUND

The diverse preparation necessary for different graduate biology programs in different institutions often necessitates tailoring the undergraduate major to suit the particular needs of the student. All students interested in becoming biology majors are requested to see a representative of the biology department during their freshman year to discuss their future programs of study. The biology major requires a minimum of 33 academic hours in the department and includes Biology 103, Biology 400, at least one zoology course and at least one botany course. A year of chemistry is also required.

Note: Many graduate schools require courses in physics, mathematics through calculus, organic chemistry, statistics, computer science, physical chemistry, and electronics by way of preparation for certain biology majors. The Department of Biology recommends that all students planning to pursue graduate or professional studies in the biological sciences investigate the undergraduate prerequisites for their particular major by the fall semester of their junior year so that they may be incorporated into their undergraduate program.

BIOLOGY 103. (3)

Crawford, Lund, Shear

GENERAL BIOLOGY. An introduction to biological phenomena that contribute to man's appreciation of himself and his environment. Topics include a study of molecular and Mendelian genetics, evolution, biotic interrelationships, homeostatic phenomena and related physiological mechanisms. This course fills the biology portion of the science requirement for graduation and, unless otherwise specified by the staff, serves as a prerequisite for all other courses in the department. Prerequisite: None. Corequisite: Biology 153. Offered: Fall semester.

BIOLOGY 108. (3)

Gemborys

ENVIRONMENTAL BIOLOGY. A consideration, based on basic biological concepts, of the processes leading to the degradation of our environment. The course will include discussions of such topics as environmental pollution by pesticides, industrial by-products, radioactive materials, etc., the historical background and future prospects of the population explosion, and the need for preservation of our natural resources. Not open to students who have taken Chemistry 111 or Physics 105. Prerequisite: None. Offered: Each semester.

BIOLOGY 111. (1)

Gemborys

NATURAL MAN. Readings, discussions and films designed to illustrate the capacity of man to survive in hostile environments and to demonstrate the close ecological balance maintained between primitive man and his environment. Emphasis will be given to early Arctic and Antarctic exploration and to the study of Esquimaux culture. Readings will include works by Stefansson, Nansen, Amundsen, Scott, Cherry-Garrard, Shackleton and Byrd. Admission by consent of instructor. Prerequisite: None. Offered: Spring semester of odd years.

BIOLOGY 153. (1)

Crawford, Lund, Shear

LABORATORY IN GENERAL BIOLOGY. A laboratory course meeting once a week for three hours. The purpose of this course is to acquaint students with some living organisms and to introduce them to the values and limitations of scientific inquiry. This course is to be taken by all students enrolled in Biology 103. Only students enrolled in or who have successfully completed Biology 103 are eligible for enrollment in this course. Prerequisite or Corequisite: Biology 103. Offered: Fall semester.

BIOLOGY 158. (1)

Gemborys

LABORATORY IN ENVIRONMENTAL BIOLOGY. A laboratory experience designed to demonstrate the interactions between plants and animals and their environment and to acquaint the non-science-oriented student with techniques and methods used in the measurement of environmental parameters. Consideration will be given to such topics as the thermal and chemical stratification of lakes and ponds and how this phenomenon affects aquatic organisms; a comparison of the chemical and physical characteristics of natural and polluted streams; the effects of logging and fire in local forest ecosystems; and the study of the population dynamics and behavior of confined populations of small mammals. Prerequisite or Corequisite: Biology 108. Offered: Fall semester.

BIOLOGY 207. (2)

Crawford

SEMINAR ON THE GREAT BIOLOGISTS. A study of the lives and classical contributions of the most significant figures in the history of biology. The chief criterion used in selecting the subjects is their effect upon subsequent thought and development in the life sciences. This seminar requires extensive biographical reading. Admission by consent of instructor. Two three-hour meetings per month. Prerequisites: Biology 103 and 153. Offered: On sufficient demand.

BIOLOGY 215. (4)

Lund

CYTOLOGY. Cytology is an introduction to cells in terms of structure and function. Major emphasis in lecture sessions includes descriptions of cell organelles, and their functions, the mechanics of cell division including somatic, meiotic and endomitotic divisions, and basic cytogenetics. Structure of differentiated cells is considered in relation to the function of various animal and plant tissues. Students will examine both professionally prepared material as well as slides of their own making in the laboratory. Students are involved in techniques in cytogenetics and histochemistry utilizing animal and plant material. Three lecture sessions, one laboratory period per week. Enrollment limited to 20. Prerequisite: Biology 103. Corequisite: None. Offered: Spring semester.

BIOLOGY 220. (4)

Shear

MICROBIOLOGY. Morphology, physiology, systematics and ecology of micro-organisms, with major emphasis on the bacteria. Two lectures and two labs per week. Prerequisites: Biology 103 and 153. Offered: Spring semester.

BIOLOGY 232. (4)

Crawford

PARASITOLOGY. The biology of animal parasites - their history, life cycles, host relationships, modes of infection, transmission, and pathogenicity. Laboratory exercises will include work on prepared slides and the examination of living parasitic forms when possible. Students will be required to prepare some permanent slide mounts from living parasites. Three lectures and one laboratory period per week. Prerequisite: Biology 103. Offered: Spring semester of even years.

BIOLOGY 241. (4)

Shear

INVERTEBRATE ZOOLOGY. An intensive study of the taxonomy, morphology, physiology and ecology of the invertebrates. The phylogenetic origin of the organ-system is studied in relation to basic adaptive patterns. Biochemical, embryological, morphological and physiological similarities and dissimilarities are observed. Representative species from the major phyla are studied in the laboratory. Three lectures and one lab per week. Prerequisites: Biology 103 and 153. Offered: Fall semester of even years.

BIOLOGY 243. (4)

Shear

ENTOMOLOGY. An intensive study of the insects as representatives of the Phylum *Arthropoda*. Lecture topics will include insect physiology and behavior, insect morphology and classification, social insects, methods of insect control, and insect ecology. Laboratories will consist primarily of work on the local insect fauna. A collection will be required and will form a major part of the student's grade. Prerequisites: Biology 103 and 153. Offered: Fall semester of odd years.

BIOLOGY 250. (3)

Turney

BIOETHICS. Examines the growing field of problems lying at the interface between advancing technological expertise in the health fields and the related moral and ethical problems which are being raised by such advances. An attempt will be made to place man in his proper biological perspective and to provide students with the mental tools and outlooks with which they can make intelligent judgments in bioethical matters and then live with their decisions. No lab. Prerequisite: None. Offered: Spring short term.

BIOLOGY 253 - 254. (4-1)

Gemborys

PLANT COMMUNITIES. A consideration of the interrelationships between plants and their environment with the main emphasis being on the synecological rather than the autecological relationships. These relationships will be observed through study of the major plant communities of Virginia. Emphasis will be placed on the role of succession and environment in the development of plant associations. Three lectures and one laboratory per week, first semester; one laboratory per week, second semester. The work in the second semester will consist of directed study of a problem of interest to the student and will be based on the principles and methods studied in the first semester. Prerequisites: Biology 103 and 153. Offered: 253 in the fall of odd years; 254 in the spring of even years.

BIOLOGY 270. (4)

Gemborys

ECOSYSTEMS OF THE MIDATLANTIC AND NORTHEASTERN UNITED STATES. A survey of the significant vegetation types of the Eastern United States, ranging from the Longleaf Pine Forests of Virginia to the Alpine Tundra Formations of New Hampshire. Consideration will also be given to the effects of climatic, geologic and edaphic influences on the development of these ecosystems. Quantitative methods of vegetation sampling and statistical techniques will be employed. Duration: 3 weeks. Prerequisite: None. Offered: Spring short term on sufficient demand.

BIOLOGY 311. (4)

Turney

GENETICS. Principles of heredity and variation as developed from the morphological, physiological, and biochemical levels of gene action. Three lectures and one laboratory per week. Prerequisites: Biology 103 and 153. Offered: Fall semester.

BIOLOGY 314. (3)

Shear

EVOLUTIONARY THEORY. An introduction to evolutionary thinking and the modern synthetic theory. Basic population phenomena, speciation, evolutionary trends, and the origins of life will be discussed as well as the history of evolutionary theory and the influence of its major contributors. Prerequisite: Biology 311. Offered: Spring semester of odd years.

BIOLOGY 320. (3)

Crawford

HISTOLOGY. A study of normal tissues of the vertebrate organism with emphasis on mammalian histology. Routine preparations of the four basic tissue types will be studied in detail. The primary concern is the description of microscopic structure and organization of tissues and organs. Another concern is with the functions of tissues as integral components of organs, for it is mainly from function that structure derives meaning. Emphasis will be placed on the understanding of tissue structure depending on a knowledge of the manner in which they differentiate ontogenetically as well as phylogenetically. This course does not include the preparation of slides. Prerequisite: Biology 103. Offered: Spring short term.

BIOLOGY 321. (5)

Crawford

DEVELOPMENTAL BIOLOGY. Principles of embryology involving physiological, biochemical, and genetic influences of differentiation of cells and tissues with emphasis on the origin of vertebrate organ systems. Three lectures and two laboratories per week. Prerequisites: Biology 103 and 153. Offered: Fall semester.

BIOLOGY 322. (5)

Crawford

COMPARATIVE VERTEBRATE ANATOMY. Comparative functional morphology and evolution of organs and organ systems in chordate animals. Major emphasis placed on gross anatomy of the mammal. Three lectures and two laboratories per week. Prerequisite: Biology 321 or consent of instructor. Offered: Spring semester.

BIOLOGY 331. (4)

Turney

BIOCHEMISTRY-MOLECULAR BIOLOGY. A structural and functional study of the cell with emphasis on the biochemical and ultrastructural aspects of cell metabolism. Laboratory exercises include problems in protein fingerprinting, enzyme kinetics, enzyme isolation, measurement, electrophoresis, ion exchange chromatography, and spectrophotometry. Three lectures and one laboratory per week. Prerequisites: Biology 103 and 153; Chemistry 201-202. Offered: Fall semester.

BIOLOGY 332. (3)

Turney

CELL PHYSIOLOGY. A treatment of the major elements of cell physiology including cell growth and division, differentiation, irritability, contractility, active transport and cellular respiration. This course is usually taken in conjunction with Biology 334. Prerequisites: Biology 103 and 153. Offered: Spring semester.

BIOLOGY 334. (1)

Turney

ADVANCED BIOCHEMISTRY. A laboratory course investigating the problems of enzyme purification, intermediary metabolism and protein synthesis. The exercises involve refinements of the techniques learned in Biology 331 with some additional work utilizing manometric techniques, differential centrifugation, and radioactive tracers. Prerequisite: Biology 331. Offered: Spring semester.

BIOLOGY 342. (4)

Gemborys

PLANT PHYSIOLOGY. A consideration of the fundamental life processes of plants including photosynthesis, water relations, growth regulators, photoperiodic responses, and mineral nutrition. Primary emphasis placed on laboratory work. Two lectures, two laboratories per week. Prerequisites: Biology 103 and 153; Chemistry 101-102, 151-152. Offered: Spring semester of odd years.

BIOLOGY 355-356. (4-1)

Gemborys

ANIMAL ECOLOGY. A consideration of the interrelationship between animals and their environment. The work will include study of the balance of nature, population cycles, natural regulation of animal numbers, competition, epizootics, and the compensatory adjustments of population to changes in the environment. A collection will be required. Three lectures and one laboratory per week, first semester; one laboratory per week, second semester. The work in the second semester will consist of directed study of a problem of interest to the student and will be based on the principles and methods studied in the first semester. Prerequisite: Biology 253. Offered: 355 in the fall semester of even years; 356 in the spring semester of odd years.

BIOLOGY 376. (4)

Gemborys

MARINE BIOLOGY AND OCEANOGRAPHY. A study of the physical, chemical and biological characteristics of the world's oceans, shorelines, and estuaries. The laboratory experience is designed to give the student firsthand knowledge of the methods used in studying marine organisms and environments. It will include regular assigned

exercises as well as an independent study project. Field trips will be made. Admission by consent of instructor. Prerequisite: Biology 241 or 253. Offered: Spring semester of even years.

BIOLOGY 382. (4)

Shear

ANIMAL BEHAVIOR. A survey of the major approaches to the study of animal behavior, especially those which emphasize the adaptiveness of behavior and its evolution. Lecture topics will include structure and physiology of nervous systems, orientation and navigation, relations among and between species, reproductive behavior, conflict resolution, and social behavior. Laboratories will consist of self-paced projects involving a wide variety of animal forms. Prerequisite: Biology 103 and 153. Offered: Spring semester of even years.

BIOLOGY 400. (4)

Turney

GENERAL BIOLOGICAL SCIENCE. An integrated approach to molecular, evolutionary, physiological, anatomical, ecological and homeostatic phenomena of living systems with some attention to contemporary problems. This course is designed to complete the 8 hour requirement in general biology for all biology majors and, where applicable, for majors in related fields. Open only to seniors; however, juniors may take the course with the chairman's permission. Prerequisites: Biology 103 and 153. Offered: Spring semester.

BIOLOGY 485. (variable credit)

Staff

SPECIAL TOPICS. Selected topics in Biology as determined by class interest and the nature of the times. Prerequisite: Instructor's permission. Offered: Either semester.

BIOLOGY 495. (3)

Staff

INDEPENDENT STUDY. Students with strong laboratory backgrounds can elect to do independent study on a selected topic under the supervision of a staff member. Permission of the department required. Opportunities exist for independent work and study at coastal marine laboratories during the summer months. Interested students should consult with the biology faculty about the program. Prerequisite: Instructor's approval. Offered: On request.

PROFESSORS PORTERFIELD, SMITH; ASSOCIATE PROFESSORS CHEMISTRY BUTCHER, SIPE; INSTRUCTOR BASS

The requirements for a major in Chemistry are:

1. All courses, except 252, from the techniques track and the following courses from the concepts track: 101-102, 201-202, 301-302, and 401. Two additional courses must be selected from the following list: Chemistry 311, 312, 411, 495 (one course of at least three hours); and Biology 331. For the ACS accredited degree three courses from the list above are required; one of the three must be Chemistry 312, and Chemistry 411 is strongly recommended as a second one.

2. Satisfactory completion of Mathematics 101-102, Physics 111-112, and Physics 151-152.

CONCEPTS TRACK

CHEMISTRY 101-102. (3-3)

Butcher, Porterfield, Sipe

CHEMICAL CONCEPTS. A survey of the basic concepts of physical chemistry as a foundation for systematic study of descriptive chemistry. Taught by self-paced instruction methods; some mathematical facility desirable. Prerequisites: None for 101; 101 prerequisite to 102. Corequisites: Chemistry 151 and 152 corequisite to 101 and 102, respectively. Offered: 101 in the fall semester; 102 in the spring semester.

CHEMISTRY 111. (3)

Butcher, Porterfield, Sipe

CHEMICAL CONCEPTS IN A TECHNOLOGICAL SOCIETY. A topical study of the impact of the chemical practices of our technological culture on our environment, with a concurrent examination of the philosophical basis on which scientific judgments can be soundly formed in societal applications. This course is intended for students with primary interests outside the sciences, and will not satisfy prerequisite requirements for any other chemistry course. Prerequisite: None. Corequisite: None. Chemistry 151 laboratory may be taken concurrently or in a later semester if desired. Offered: Every semester.

CHEMISTRY 201-202. (3-3)

Smith

ORGANIC CHEMISTRY. An integrated study of the aliphatic and aromatic compounds of carbon with emphasis on reaction mechanisms, stereochemistry, and conformational analysis. Taught by self-paced instruction. Prerequisites: Chemistry 101-102. Corequisites: Chemistry 251-252 or 251-262. Offered: 201 in the fall semester; 202 in the spring semester.

CHEMISTRY 301. (3)

Porterfield, Sipe

PHYSICAL CHEMISTRY I. Introductory quantum mechanics and simple approximate molecular-orbital calculations, followed by introductory statistical mechanics. Prerequisites: Chemistry 102, Math 102. Corequisite: Physics 111. Registration in Computer Science 221 is recommended. Offered: Fall semester.

CHEMISTRY 302. (3)

Sipe

PHYSICAL CHEMISTRY II. Thermodynamics, electrochemistry, and kinetics. Recommended for students desiring only one semester of physical chemistry. Prerequisites: Physics 112, Math 102, or consent of the instructor. Offered: Spring semester.

CHEMISTRY 311. (3)

Smith

BIOCHEMISTRY. The following classes of compounds are studied with emphasis upon structure and conformation and with emphasis decreasing in the order given: proteins, nucleic acids, carbohydrates, and lipids. The most important metabolic pathways are studied with respect to reaction mechanisms, dynamics, and energetics. Prerequisites: Chemistry 201-202. Offered: Fall semester.

CHEMISTRY 312. (3)

Porterfield

ADVANCED INORGANIC CHEMISTRY. Basic theoretical concepts of inorganic chemistry as applied to the principles of inorganic synthesis, and introductory organometallic and bioinorganic topics. Prerequisite: Chemistry 301 or consent of instructor. Corequisite: Chemistry 302. Offered: Spring semester.

CHEMISTRY 401. (3)

Butcher

CHEMICAL INSTRUMENTATION. Strategy and tactics of using instruments to obtain chemical information. About half the course is devoted to readings from the journal literature. Prerequisites: Chemistry 302, 362. Offered: Fall semester.

CHEMISTRY 411. (3)

Sipe, Porterfield

PHYSICAL CHEMISTRY III. Theory of molecular structure determination by dispersive and absorptive applications of electromagnetic radiation. Application of advanced theoretical calculations of molecular electronic structure. Prerequisite: Chemistry 301 (Physical Chemistry I) or consent of the instructors. Offered: Fall semester.

CHEMISTRY 485. (1-3)

Chemistry Staff

SPECIAL TOPICS. Study of advanced topics of current interest on a tutorial or seminar basis. Topics recently offered include computerized learning machines for analyzing spectra, calculations for applied quantum chemistry, principles and practice of magnetic resonance spectroscopy, organometallic chemistry, ESR studies of organosilicon compounds, oxydonor complexes of reducing metals, bioinorganic chemistry, and physical chemistry of drug action and interaction. Prerequisite: Consent of the instructor. Offered: On sufficient demand.

CHEMISTRY 495. (Variable credit)

Chemistry Staff

INDEPENDENT STUDY. Prerequisite: Consent of the instructor. Offered: On sufficient demand.

TECHNIQUES TRACK

CHEMISTRY 151-152. (1-1)

Bass, Butcher, Porterfield, Sipe

TECHNIQUES OF CHEMISTRY. A series of four open-ended projects that require independent use of library and laboratory facilities, including quantitative analysis. Breakage deposit: \$12.00. Prerequisites:

None for 151. 151 is prerequisite to 152. Corequisites: Chemistry 101 or 111 for 151, Chemistry 102 for 152. Offered: 151 in the fall semester; 152 in the spring semester.

CHEMISTRY 251-252. (1-1)

Butcher, Smith

ANALYTICAL-ORGANIC TECHNIQUES. A series of open-ended, individualized projects involving the synthesis of organic and organometallic compounds and analysis by such techniques as spectroscopy, chromatography, and conventional and potentiometric titration. Breakage deposit: \$15.00. Prerequisites: Chemistry 102, 152. Corequisites: Chemistry 201-202. Offered: 251 in the fall semester; 252 in the spring semester.

CHEMISTRY 262. (2)

Smith

SYNTHETIC TECHNIQUES. Individualized projects involving multi-step syntheses of organic compounds by modern methods. The synthetic schemes are adapted from those for similar compounds found in *Organic Syntheses* and the journal literature. Some new compounds are prepared. Each product is purified by crystallization or reduced pressure distillation and characterized by various spectroscopic and chromatographic techniques. Breakage deposit: \$15.00. The student may elect either Chemistry 252 or 262: credit cannot be earned for both. This course is required of chemistry majors, recommended for biochemistry-interscience majors, and open to others on a space-available basis. Prerequisites: Chemistry 201, 251. Corequisite: Chemistry 202. Offered: Spring semester.

CHEMISTRY 351-352. (2-2)

Sipe

PHYSICAL MEASUREMENT TECHNIQUES. A series of open-ended projects involving the accurate determination and interpretation of selected physical and chemical properties. Breakage deposit: \$15.00. Prerequisites: Chemistry 252 or 262 for 351; Chemistry 351 for 352; or consent of the instructor. Offered: 351 in the fall semester; 352 in the spring semester.

CHEMISTRY 362. (2)

Butcher

ELECTRONICS. A series of open-ended projects and readings involving AC and DC circuit theory, circuit design, electrical measurements, and electronic instrument systems. The emphasis is upon solid-state circuitry. Prerequisite or Corequisite: Physics 152. Offered: Spring semester.

CHEMISTRY 451-452. (2-2)

Butcher

MEASUREMENT TECHNIQUES. A series of open-ended projects involving chemical analysis and structure determination by instrumental methods. Breakage deposit: \$15.00. Prerequisite: Chemistry 352. Corequisite: Chemistry 401. Offered: 451 in the fall semester; 452 in the spring semester.

PROFESSOR THOMPSON; ASSOCIATE PROFESSOR BRINKLEY; CLASSICS
ASSISTANT PROFESSORS TUCKER*, McCLINTOCK

The requirements for a major in Greek are at least 18 hours in Greek above the elementary level, of which 12 hours must be in courses at the 300 level or above; Philosophy 301; History 321, 322; Fine Arts 201. The requirements for a major in Latin are at least 18 hours in Latin above the elementary level, of which 12 hours must be in courses at the 300 level or above; Philosophy 301; History 321, 322; Fine Arts 201.

A concentration in Greek and Latin will require at least 12 hours in each language, including six hours in one at the 300 level or above; Philosophy 301; Fine Arts 201; History 321, 322.

The requirements for a major in Classical Studies are at least 6 hours of Greek or Latin above the elementary level and 24 hours to be selected from the following: courses in the Greek and Latin languages and in Classical Studies; Philosophy 301; History 321, 322; Fine Arts 201. None of the thirty hours taken to satisfy the requirements for this major may be used in the Humanities portion of the distribution requirement.

GREEK

GREEK 101-102. (0-6)

Brinkley

ELEMENTARY GREEK. This course is an introduction to the Greek language through carefully paced study of forms, vocabulary, and syntax in a method devised by modern linguistic study. Considerable attention is given to expanding the student's English vocabulary and his analytical grasp of language structure. Prerequisite: None. Offered: 101 in the fall semester; 102 in the spring semester.

GREEK 201-202. (0-6)

Brinkley

INTERMEDIATE GREEK. Selections will be read from the works of Greek prose writers. There will be a continuing study of grammar. Prerequisites: Greek 101-102. Offered: 201 in the fall semester; 202 in the spring semester.

GREEK 301. (3)

Brinkley

THE GREEK NEW TESTAMENT. Selections drawn largely from *Luke* and *Acts* will be read in the original Greek. Some time will be devoted to lectures, collateral readings, and reports on the principles of palaeography and textual criticism. Prerequisite: Greek 201. Offered: On sufficient demand.

GREEK 302. (3)

Staff

GREEK DRAMA. Representative plays of Aeschylus, Sophocles, Euripides, or Aristophanes will be read and discussed as dramatic pieces and in their relation to the origin of tragedy and comedy and the development of the theatre. Prerequisites: Greek 201-202. Offered: On sufficient demand.

GREEK 303-304. (3-3)

Brinkley

GREEK HISTORIANS. Selections from Herodotus' *History of the Persian Wars* or Thucydides' *History of the Peloponnesian War*. Parallel work will focus on the beginnings of historical writing and the principles of historiography. Prerequisites: Greek 201-202. Offered: On sufficient demand.

GREEK 305-308. (3 each semester)

Staff

ADVANCED GREEK. The reading and discussion of selected works of Greek literature, chosen according to the needs of the class. Among authors that may be selected are Homer, Plato, Plutarch, Lucian, and the Athenian orators. Prerequisites: Greek 201-202. Offered: On sufficient demand.

GREEK 495. (1,2, or 3 hours)

Staff

INDEPENDENT STUDY. Supervised reading and research are available to advanced students.

LATIN

LATIN 101-102. (0-6)

McClintock, Tucker

INTRODUCTION TO LATIN. This course is designed for students with no previous experience with Latin. The text is written for adults; the sentences and drill exercises in forms and syntax are based on classical authors. Considerable emphasis is placed on expanding the student's vocabulary and grasp of language structure. Prerequisite: None. Offered: 101 in the fall semester; 102 in the spring semester.

LATIN 201-202. (3-3)

Thompson

First Semester: *Ovid.* Selections from Ovid's *Ars Amatoria* will be read, preceded by a review of Latin fundamentals. Prerequisite: Two entrance units of Latin, or Latin 101-102.

Second Semester: *Vergil.* Selections from the *Aeneid*. Prerequisite: Latin 201 or equivalent. Offered: 201 in the fall semester; 202 in the spring semester.

LATIN 203-204. (3-3)

McClintock, Tucker

LATIN PROSE. Selections from the works of Latin prose writers will be read, preceded by a review of Latin fundamentals. Among works which may be read are the speeches and letters of Cicero, the historical works of Caesar and Livy, and the letters of Pliny, as well as the writings of Medieval Latin authors. Prerequisites: Two entrance units of Latin, or Latin 101-102. Offered: 203 in the fall semester; 204 in the spring semester.

LATIN 301-302. (3-3)

Thompson

LATIN LITERATURE OF THE REPUBLIC. Reading matter will be chosen from the comedies of Plautus and Terence, the essays of Cicero,

the *De Rerum Natura* of Lucretius, and the poems of Catullus. Prerequisites: Three entrance units in Latin, Latin 201-202, or Latin 203-204. Offered: 301 in the fall semester of odd years; 302 in the spring semester of even years.

LATIN 303-304. (3-3)

Thompson

LATIN LITERATURE OF THE EMPIRE. Reading matter will be chosen from Livy, Horace, Seneca, Petronius, Martial, Tacitus, and Pliny. Prerequisites: Three entrance units in Latin, Latin 201-202, or Latin 203-204. Offered: 303 in the fall semester of even years; 304 in the spring semester of odd years.

LATIN 401-408. (3 each semester)

Staff

ADVANCED READINGS IN LATIN LITERATURE. The courses will be devoted to intensive study of individual authors such as Lucretius, Tacitus, Livy, Ovid, Horace, or to literary genres such as Roman satire, elegiac poetry, epistolography, history. Prerequisite: Either Latin 301 or 303, or equivalent. Offered: On sufficient demand.

LATIN 411. (3)

Brinkley

LATIN COMPOSITION AND GRAMMAR. Prerequisites: Latin 201-202, 203-204 or equivalent. Offered: On sufficient demand.

LATIN 412. (3)

Thompson

LATIN PALAEOGRAPHY. Prerequisite: Either Latin 301 or 303, or equivalent. Offered: On sufficient demand.

LATIN 495. (1, 2, or 3 hours)

Staff

INDEPENDENT STUDY. Supervised reading and research are available to advanced students. Prerequisite: Instructor's approval. Offered: On request.

CLASSICAL STUDIES

CLASSICAL STUDIES 201. (3)

Thompson

ENGLISH ETYMOLOGY. A study of English words as derived from the classical languages. The purpose of the course is to broaden the student's vocabulary through a study of the historical development of an important element of the English language. No prior knowledge of Greek or Latin is presumed. Prerequisite: None. Offered: Fall semester.

CLASSICAL STUDIES 202. (3)

Brinkley

CLASSICAL MYTHOLOGY. A comprehensive survey of Greco-Roman mythology, with the aim of providing the student with a working knowledge of an important tool for the study of Western art and literature. Considerable attention is given to theories of the origin and nature of mythology developed by modern psychology, anthropology, and linguistics. Prerequisite: None. Offered: Spring semester.

CLASSICAL STUDIES 203. (3)

McClintock, Tucker

GREEK LITERATURE IN TRANSLATION. Reading and discussion of major works of classical Greek literature. Literary themes and techniques will be considered, as well as the influence of Greek writings on later literature. No knowledge of Greek is required. Prerequisite: None. Offered: Fall semester.

CLASSICAL STUDIES 204. (3)

McClintock, Tucker

LATIN LITERATURE IN TRANSLATION. Reading and discussion of major works of classical Latin literature. Literary themes and techniques will be considered as well as the influence of Latin writings on later literature. No knowledge of Latin is required. Prerequisite: None. Offered: Spring semester.

HISTORY 321. (3)

Brinkley

GREEK HISTORY. A historical survey of the cultural, political, economic, and social aspects of Greek civilization to the time of the late Roman Empire. This course does not assume a knowledge of Greek and will not satisfy any of the language requirements. It carries credit toward a History major. Prerequisite: None. Offered: Fall semester.

HISTORY 322. (3)

Brinkley

ROMAN HISTORY. A comprehensive survey of the rise and decline of Rome as a world-state and as the matrix of subsequent Western civilization. Primary emphasis is placed on the social, political, economic, and diplomatic forces in the evolution of Roman supremacy in the Mediterranean. Special attention is given to the development of the Roman Civil Law and the origin of basic Western legal concepts. This course does not assume a knowledge of Latin and will not satisfy any of the language requirements. It carries credit toward a History major. Prerequisite: None. Offered: Spring semester.

LINGUISTICS 301. (3)

Brinkley

DESCRIPTIVE LINGUISTICS. An introduction to the techniques, findings, and insights of modern linguistics, "the most scientific of the humanities and the most humane of the sciences." Special attention is given to developing analytical appreciation of contemporary American English on which most of the class exercises are based. A general course for all those interested in the nature of language. Prerequisite: Sophomore or higher standing. Offered: On sufficient demand.

LINGUISTICS 302. (3)

Brinkley

HISTORICAL LINGUISTICS. Thorough study of the comparative method of linguistic reconstruction, and of modern views of the nature of linguistic evolution. Each student is required to do practical, independent work in a language of his competence, which may be English. Prerequisite: Linguistics 301 or English 341. Offered: On sufficient demand.

CLASSICAL STUDIES 485. (1, 2, or 3 hours) *Staff*

SPECIAL TOPICS. Selected according to the interests of students and staff. Prerequisite: Demonstration of interest and ability on the part of the student, with approval by the staff. Offered: On sufficient demand.

CLASSICAL STUDIES 495. (1, 2, or 3 hours) *Staff*

INDEPENDENT STUDY. Supervised reading and research are available to qualified students. Prerequisite: Demonstration of interest and ability on the part of the student. Offered: On request.

*On leave 1975-1976

ASSOCIATE PROFESSOR HENDLEY; ASSISTANT PROFESSORS ECONOMICS
HARRIS, MUSOKE, SPRENG; LECTURERS STERN, CHATTERTON

The requirements for all Economics majors are 27 hours in Economics to include Economics 301 and 303; and Mathematics 101 and 103. Beyond these specific courses, the major has a choice between a concentration in general Economics, taking Economics 401 and 485 (or, in certain cases, 495), or a concentration in Management Economics, taking Economics 321 and 490. Interdisciplinary majors within the social sciences may be developed and pursued with the approval of the departments concerned.

ECONOMICS 101. (3) *Staff*

INTRODUCTION TO ECONOMICS. A survey of the basic concepts used to analyze economic questions. Prerequisite: None. Offered: Each semester.

ECONOMICS 103. (3) *Harris*

MONEY AND BANKING. Analysis of the fractional reserve banking system, its place in financial markets, and the American economy. The Federal Reserve System and its relation to the banking system are analyzed. Monetary and fiscal policy are examined in the light of Keynesian and Monetarist monetary theory. Prerequisite: Economics 101. Offered: Each semester.

ECONOMICS 201. (3) *Hendley*

COMPARATIVE ECONOMIC SYSTEMS. An examination of the major economic systems with emphasis on implications for resource allocation, income distribution, and economic growth. Prerequisite: Economics 101. Offered: Fall semester of even years.

ECONOMICS 203. (3) *Musoke*

GENERAL ECONOMIC HISTORY. Study of the Industrial Revolution in Britain and its diffusion in Western Europe and North America with emphasis on 19th century American experience. Prerequisite: Economics 101. Offered: Spring semester of odd years.

ECONOMICS 204. (3)

Musoke

TOPICS IN ECONOMIC HISTORY. Selected topics of special historical and economic significance from American and/or European experience are examined using the tools of economics. Prerequisites: Economics 101 and junior standing or permission of the instructor. Offered: Spring semester of even years.

ECONOMICS 205. (3)

Spreng

HISTORY OF ECONOMIC THOUGHT. This class studies changing economic attitudes and theories from the beginning of history to our own times, as related to other areas and social thought and to changes in economic organization. Aspects of contemporary interest are emphasized. Prerequisite: Economics 101. Offered: Fall semester.

ECONOMICS 206. (3)

Spreng

TOPICS IN HISTORY OF ECONOMIC THOUGHT. This course explores methodological and topical subjects in the history of Economics. Prerequisites: Economics 101 and junior standing or permission of the instructor. Offered: On sufficient demand.

ECONOMICS 208. (3)

Hendley

PUBLIC FINANCE. An analysis of the process of government decision-making as related to resource allocation and of the effects of governmental budgetary decisions, particularly tax decisions, on individual and business choices. Prerequisite: Economics 101. Offered: Spring semester.

ECONOMICS 209. (3)

Hendley

TOPICS IN POLITICAL ECONOMY. An adaptation and application of fundamental economic concepts to the analysis of problems such as poverty, education, crime, and professional sports. The topics considered vary from year to year. Prerequisite: Economics 101. Offered: Fall semester.

ECONOMICS 210. (3)

Musoke

ECONOMIC DEVELOPMENT. A study of fact, theory, and policy in underdeveloped economies. Problems of capital formation, population, agriculture, international trade, foreign aid, etc. Prerequisite: Economics 101. Offered: Spring semester.

ECONOMICS 211. (3)

Harris

LABOR ECONOMICS. In this course the theoretical and institutional organization of the labor market are studied. Prerequisite: Economics 101. Offered: Fall semester.

ECONOMICS 220. (3)

Stern

CORPORATION FINANCE. The financial organization and management of a business corporation. This course includes a study of methods of obtaining capital, financial policy, mergers, reorganization, and liquidation. Prerequisite: Economics 101. Offered: Fall semester.

ECONOMICS 221. (3)

Spreng

MANAGEMENT ACCOUNTING AND ANALYSIS. Study of the sources, organization and uses of data generated by double-entry accounting. Emphasis will be placed on managerial accounting techniques. Prerequisites: Economics 101 and sophomore standing. Offered: Fall semester.

ECONOMICS 222. (3)

Spreng

NATURE, MANAGEMENT, AND ENVIRONMENT OF BUSINESS. The role of business in society and the functions of business are considered within the framework of the social system. Prerequisites: Economics 101 and sophomore standing. Offered: Spring semester.

ECONOMICS 260. (3)

Musoke

INTERNATIONAL ECONOMICS. Examination of the basis of international trade, the balance of international payments and adjustment mechanisms. Application of the theory to current problems of international payments and trade. Prerequisite: Economics 101. Offered: Fall semester.

ECONOMICS 301. (3)

Musoke

MICROECONOMIC THEORY. A study of the theory of consumer behavior, production, and pricing; comparison of resource allocation in competitive and noncompetitive markets. Prerequisite: Economics 101. Offered: Fall semester.

ECONOMICS 303. (3)

Harris

MACROECONOMIC THEORY. Analysis of theories applied to the problems of income determination, unemployment, and inflation in modern industrial economies. Prerequisite: Economics 101. Offered: Spring semester.

ECONOMICS 306. (3)

Chatterton

ELEMENTS OF EMPIRICAL ECONOMICS. A study of the application of statistical analysis to economic problems with a review of basic statistical techniques and then with extensive reading of empirical work in economic literature. Prerequisites: Economics 101 and Mathematics 103. Offered: Spring semester of odd years.

ECONOMICS 308. (3)

Chatterton

MATHEMATICAL ECONOMICS. Exposition of the mathematical structure of economic theories with particular attention to static and comparative static analysis, game theory, and unconstrained and constrained optimization models. Prerequisites: Economics 301 and Mathematics 101. Offered: Spring semester of even years.

ECONOMICS 321. (3)

Spreng

MANAGERIAL ECONOMICS. Application of microeconomic decision tools to managerial problems of the firm. The class time will be divided between a discussion of tools to be used and application of those tools. Prerequisite: Economics 301. Offered: Fall semester.

ECONOMICS 401. (3)

Harris

TOPICS IN INTERMEDIATE ECONOMIC THEORY. Applications and extensions of intermediate economic theory, both macro and micro. Prerequisites: Economics 301 and 303. Offered: Fall semester.

ECONOMICS 485. (3)

Hendley

SPECIAL TOPICS. A seminar designed primarily for senior Economics majors concentrating in general Economics and intended to explore the application of economic analysis to a variety of public-policy issues. Prerequisites: Economics 301 and 401 or permission of the instructor. Offered: Spring semester.

ECONOMICS 490. (3)

Spreng

SEMINAR IN BUSINESS PROBLEMS. The purpose of this course is to integrate the student's knowledge of the business system. Discussion of problems, independent investigation and communication of conclusions by the student are emphasized. Prerequisites: Economics 221, 222, and senior standing or permission of the instructor. Offered: Spring semester.

ECONOMICS 495. (Variable credit)

Staff

INDEPENDENT STUDY. Prerequisites: Economics 101, junior standing, and permission of the department. Offered: On request.

CONCENTRATION IN ECONOMICS WITH MATHEMATICS

The Departments of Economics and Mathematics offer a concentration in Economics with Mathematics for students interested primarily in the quantitative aspects of Economics. The concentration consists of the following courses:

ECONOMICS 101.

ECONOMICS 301, 303.

ECONOMICS 306, 308.

MATHEMATICS 101-102-103.

MATHEMATICS 201-202.

COMPUTER SCIENCE 221.

With permission of the two departments, a student may substitute within the same discipline for the above courses. A substitution must, however, be consistent with the concentration's objective of a tightly integrated program grounding the student in the mathematical concepts most widely used in Economics, and exploring the areas of Economics best illustrating the application of quantitative techniques.

PROFESSORS SIMPSON, CRAWLEY; ASSOCIATE PROFESSORS ELMORE*, MARTIN; ASSISTANT PROFESSOR BAGBY; INSTRUCTOR O'GRADY

ENGLISH

The requirements for a major in English are 30 hours in English courses above the 100 level, including two semesters each of History of English Literature, Shakespeare, and American Literature; a genre course, a period course, and a single-author course other than Shakespeare. Beyond 201-202, only one course at the 200 level may be applied to the major. Majors are required to take at least one course in British history. At least one course in philosophy and at least two semesters in foreign languages beyond the proficiency requirements are recommended. English courses taken at other institutions and presented for major credit must be approved in writing by the department of English; for current students this approval must be secured in advance, and for transfer and former students, it must be secured at entrance.

ENGLISH 105. (3)

Staff

COMPOSITION AND RHETORIC. The course involves a study of the principles of composition in English and regular practice in writing with attention to style, grammar, syntax, punctuation, and spelling. Prerequisite: None. Offered: Each semester.

ENGLISH 201-202. (3-3)

Staff

THE HISTORY OF ENGLISH LITERATURE. The first semester surveys major authors, works, and literary types from the beginnings through the eighteenth century, including Chaucer, Shakespeare, and Milton; the second semester continues the history to the present day, including Wordsworth, Tennyson, and Eliot. Appropriate critical approaches other than the historical are employed. Prerequisite: None. Offered: 201 in the fall semester; 202 in the spring semester.

ENGLISH 203. (3)

Crawley

EPIC WRITING IN ENGLISH AND AMERICAN LITERATURE. This study of the epic tradition in English and American literature begins with backward glances at *Beowulf* and *The Faerie Queene* and then proceeds to a careful consideration of Shakespeare's history plays (*Richard II*; *Henry IV, I and II*; *Henry V*; *Richard III*), Milton's *Paradise Lost* and *Paradise Regained* (selected passages), Fielding's *Tom Jones*, Pope's *Rape of the Lock*, Melville's *Moby-Dick*, and Whitman's *Leaves of Grass* (selected passages). Prerequisite: None. Offered: Fall semester of odd years.

ENGLISH 204. (3)

Bagby

MAJOR AMERICAN AUTHORS ON "THE NEW EDEN." Such writers as Hawthorne, Melville, Emerson, Whitman, Thoreau, James, Frost, Fitzgerald, Faulkner, Stevens, and Baldwin are read. Organized thematically around the idea of America as a New Eden, the course is a literary and cultural look at the dreams which American authors have had for the land, and at what may have become of those dreams. Prerequisite: None. Offered: Spring semester of odd years.

ENGLISH 205. (3)

Martin

UTOPIAN LITERATURE. This study of representative accounts of ideal societies and the perfection of man begins with Plato's *Republic* and More's *Utopia* as bases; other readings include works from the classical era to the present, with concentration on American and British literature of the nineteenth and twentieth centuries. Authors to be considered include Howells, Butler, Bellamy, Huxley, and Orwell. Prerequisite: None. Offered: Fall semester of odd years.

ENGLISH 206. (3)

Martin

LITERATURE AND YOUTH. This is a study of the *Bildungsroman*, a type of novel recounting the youth and young manhood of a character attempting to learn the nature of the world, discover its meaning and pattern, and acquire a philosophy of life. Readings include works by Joyce, Melville, Dickens, Twain, Wolfe, Ellison, Hemingway, Salinger, and others. Prerequisite: None. Offered: Spring semester of odd years.

ENGLISH 207. (3)

Elmore

INTRODUCTION TO DRAMA. This course is designed for students interested in understanding plays in the context of an actual performance. Previous theatrical experience is therefore very desirable. Plays to be read will be drawn from various periods and types. Scenes and perhaps even entire plays will be performed, with instruction in the basic elements of play production, but emphasis will fall on interpretation rather than mechanics or technique. Prerequisite: None. Offered: Fall semester of odd years.

ENGLISH 209. (3)

Simpson

EUROPEAN SHORT NOVEL IN TRANSLATION. Readings are drawn from such major European novelists of the nineteenth and twentieth centuries as Balzac, Camus, Dostoevsky, Flaubert, Gogol, Hesse, Kafka, Kazantzakis, Lagerkvist, Thomas Mann, Proust, Stendhal, and Tolstoy. Prerequisite: None. Offered: Fall semester of even years.

ENGLISH 210. (3)

Bagby

INTRODUCTION TO AFRO-AMERICAN LITERATURE. The works of major black American authors are treated historically and critically, with the aim of understanding what "the American experience" has meant to Afro-Americans. Poetry (from Dunbar to Don L. Lee) and fiction (from Toomer to Baldwin) are the main concerns, but some attention is also given to non-fiction prose (from Douglass to Malcolm X). Prerequisite: None. Offered: Spring semester of even years.

ENGLISH 331. (3)

Crawley

AMERICAN LITERATURE TO 1865. This is a general study of American literature from colonial times through the Civil War. While attention is given to the milieu, continuity, and development of our literature, the emphasis is upon major figures: Poe, Hawthorne, Melville, Emerson, and Thoreau. Appropriate critical approaches other than the historical are utilized in considering the key works of these authors. Prerequisite: None. Offered: Fall semester.

ENGLISH 332. (3)

Crawley

AMERICAN LITERATURE SINCE 1865. This is a continuation of English 331, covering the period from the Civil War to the present. Again, attention is given to the milieu, continuity, and development of our literature, with emphasis upon the following major figures: Whitman, Dickinson, Twain, Henry James, Crane, Dreiser, Frost, Eliot, and Faulkner. Appropriate critical approaches other than the historical are utilized in considering the key works of these authors. Prerequisite: None. Offered: Spring semester.

ENGLISH 341. (3)

Brinkley

HISTORY OF THE ENGLISH LANGUAGE. This is a general introduction to the English language as modern linguistics defines and describes the evolutionary forces that have determined its sound- and form-systems, syntax, and vocabulary. Considerable attention is paid to identifying the diagnostic features of the various phases in the development of the language, to the social and other non-linguistic factors in language development, and to the peculiar history of American English and its dialects. Prerequisite: None, but English 201-202 is strongly recommended. Offered: Fall semester of odd years.

SEE ALSO Classical Studies 201, English Etymology; and Linguistics 301 and 302, Descriptive and Historical Linguistics.

ENGLISH 352. (3)

Martin

EARLY ENGLISH LITERATURE IN TRANSLATION. This is a study of Old English and Middle English literature (exclusive of Chaucer), surveying major authors and works, important literary genres, and characteristic human values of the English middle ages. Readings include *Beowulf*, *Sir Gawain and the Green Knight* and other chivalric romances, *Piers Plowman*, Gower's *Confessio Amantis*, Malory's *Morte d'Arthur*, mystery and morality drama, lyrics. Knowledge of Old English and Middle English is not required. Prerequisite: English 201 or the consent of the instructor. Offered: Spring semester of even years.

ENGLISH 353. (3)

Elmore

BALLAD AND LYRIC. This is a survey of English and Scottish traditional ballads as collected by Francis James Child, of both popular and courtly lyrics set to music from the Middle Ages to the Restoration (e.g., from *Sumer Is Icumen In* to Dryden's *Alexander's Feast*), and of the more recent American derivatives of both kinds. Prerequisite: None. Offered: Fall semester of even years.

ENGLISH 355. (3)

Elmore

SIXTEENTH-CENTURY POETRY. This is a study of the nondramatic poetry of the Tudor period (1485-1603), with special attention to Skelton, Wyatt, Surrey, Marlowe, Sidney, and Spenser. Prerequisite: English 201. Offered: Spring semester of odd years.

ENGLISH 356. (3)

Elmore

METAPHYSICAL AND CAVALIER POETS. This is a survey and evaluation of the two major schools of poetry in England from about 1590 to about 1650, with emphasis on the founders of each, Donne and Jonson. Major representatives to be read include Herbert, Vaughan, Herrick, and Marvell. Prerequisite: None. Offered: Spring semester of even years.

ENGLISH 361. (3)

Bagby

THE AUGUSTAN AGE. This course is a critical study of the major writers of the eighteenth century, particularly Pope and Swift, and of the central imaginative concerns of the transition from the Renaissance world view to the Romantic and post-Romantic era. There is a concentration on satire, but with some attention also to drama, the novel, lyric poetry, and miscellaneous prose. Prerequisite: None. Offered: Fall semester of odd years.

ENGLISH 363. (3)

Simpson

ENGLISH NOVEL. The English novel is studied from its inception with Defoe and Richardson in the eighteenth century to the end of the nineteenth century. Major novelists to be read include Austen, the Bronte sisters, Dickens, Thackeray, and Hardy. Prerequisite: None. Offered: Fall semester of odd years.

ENGLISH 365. (3)

Bagby

THE ENGLISH ROMANTICS. The six major Romantics — Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats — are read critically. Primary emphasis is on the poetic vision of each writer, but with some attention also to the continuing struggle of "the Romantic imagination." Prerequisite: None. Offered: Fall semester of even years.

ENGLISH 367. (3)

Elmore

VICTORIAN POETRY. Three major Victorian poets, Tennyson, Browning, and Arnold, are studied in depth, with readings in such minor poets as Swinburne, the Rossettis, Fitzgerald, and Hardy. Prerequisite: English 201 or 202 or comparable course. Offered: Fall semester of even years.

ENGLISH 372. (3)

Simpson

MODERN BRITISH AND AMERICAN NOVEL. Major twentieth-century novelists in English are read, including Conrad, Joyce, D. H. Lawrence, Graham Greene, Hemingway, Faulkner, and Steinbeck. Prerequisite: None. Offered: Spring semester of even years.

ENGLISH 374. (3)

Bagby

MODERN BRITISH AND AMERICAN POETRY. This is a critical study of major poets of the twentieth century, such as Yeats, Pound, Eliot, Frost, Williams, Stevens, and Hughes; it is intended less as an historical overview than as a close examination of the poetic worlds of the individual writers. Prerequisite: None. Offered: Spring semester of even years.

ENGLISH 376. (3)

Simpson

MODERN DRAMA. British, European, and American plays since 1880 are read. Playwrights may include Ibsen, Strindberg, Chekhov, Shaw, O'Neill, Pirandello, Garcia Lorca, Brecht, Tennessee Williams, and Arthur Miller. Prerequisite: None. Offered: Spring semester of even years.

ENGLISH 381. (3)

Martin

ENGLISH DRAMA. This is a survey of English drama, exclusive of Shakespeare. The nature and origins of drama as a literary genre are studied, with attention to the characteristics of tragedy, comedy, and other types. Readings include representative plays from the medieval, Renaissance, Restoration, neoclassical, Romantic, and Victorian periods. Prerequisite: English 201 or consent of instructor. Offered: Fall semester of odd years.

ENGLISH 384. (3)

Simpson

THE SHORT STORY. Readings are drawn from American, British, and European short stories, and from criticism and the theory of fiction. Authors might include Poe, Hawthorne, James, Twain, O. Henry, Lardner, Hemingway, and Faulkner; R. L. Stevenson, Saki, Maugham, Mansfield, D. H. Lawrence, and Graham Greene; Maupassant, Chekhov, Pushkin, Balzac, Tolstoi, Kafka and Thomas Mann. Prerequisite: None. Offered: Spring semester of odd years.

ENGLISH 391. (3)

Martin

LITERATURE OF WAR. Major literary works concerning war are studied, with special attention to the ways in which war has occasioned great literature. Reading is concentrated in works of the nineteenth and twentieth centuries, but includes works of ancient, medieval, and Renaissance periods. Emphasis is on novels of Crane, Hemingway, Mailer, Greene, Heller, Vonnegut. Prerequisite: None. Offered: Fall semester of even years.

ENGLISH 400. (3)

Martin

CHAUCEER. *The Canterbury Tales*, *Troilus and Criseyde*, and other main poems of Chaucer are studied. Attention is given to the literary and cultural background of Chaucer's works. Most readings are in Middle English, but prior knowledge of the Middle English language is not required. Prerequisite: None. Offered: Spring semester of even years.

ENGLISH 402. (3)

Crawley

SPENSER. Most of Spenser's poetry is read, with emphasis upon *The Shepheardes Calendar* and *The Faerie Queene*. A careful study is made of epic tradition and of the milieu to which *The Faerie Queene* belongs. Prerequisite: None. Offered: Spring semester of even years.

ENGLISH 403-404. (303)

Simpson, Crawley

SHAKESPEARE. The early comedies, histories, and tragedies, the Sonnets, *Venus and Adonis*, and *The Rape of Lucrece* are treated in

first semester. The later histories, the "problem plays," the great tragedies, and the romances are read in second semester. Both courses stress the development of Shakespeare as a literary artist. Prerequisite: None. Offered: 403 in the fall semester; 404 in the spring semester.

ENGLISH 407. (3)

Crawley

MILTON. This is a study of all of Milton's poetry, with emphasis upon *Paradise Lost*, *Paradise Regained*, and *Samson Agonistes* as a trilogy. Milton's life and his prose are considered insofar as they contribute to an understanding of his thought and poetic achievement. Prerequisite: None. Offered: Fall semester of even years.

ENGLISH 411. (3)

Elmore

HEMINGWAY: The Writer as Hero. The major novels, stories, and essays of Ernest Hemingway are read and critically evaluated. The relationship between Hemingway's personal life and the style, subject matter, and heroic code of his fiction is central, but the final emphasis is on the fiction, not the life. Prerequisite: None. Offered: Fall semester of odd years.

ENGLISH 412. (3)

Elmore

FITZGERALD AND THE ASPIRIN AGE. Most of F. Scott Fitzgerald's novels and major stories are read and critically evaluated in this course, along with those of other representative writers of the twenties and thirties (for example, Sinclair Lewis and John Dos Passos). Some knowledge of Hemingway and Faulkner is presupposed. The emphasis is on Fitzgerald as writer, with his life and his age forming an historical context. Prerequisite: None. Offered: Spring semester of even years.

ENGLISH 414. (3)

Simpson

FAULKNER SEMINAR. An early novel, the four great novels of his "second period," several significant short stories, and a number of articles and poems are among the readings from Faulkner's work intended to display his diverse talents, multiple themes, and innovative techniques. Prerequisite: Consent of instructor. Offered: Spring semester of odd years.

ENGLISH 420. (3)

Crawley

LITERARY CRITICISM. This is a study of critical theories from Aristotle to the present, especially of modern trends in criticism, and an introduction to the practice of critical techniques. An attempt is made to arrive at a reasonably comprehensive and synthesizing view of our literary heritage, both English and American. Prerequisite: None. Offered: Spring semester of odd years.

ENGLISH 432. (3)

O'Grady

CREATIVE WRITING. This is a workshop in the craft of writing poetry and short fiction. The general approach will be to examine selected short works as models and present copies of student writing to the class for discussion and criticism. Prerequisite: None. Offered: Spring 1976 and intermittently thereafter.

ENGLISH 485. (1, 2, or 3 hours)

Staff

SPECIAL TOPICS. Studies in an author or group of writers, a genre, or a literary period. Prerequisite: Consent of instructor. Offered: Either semester.

ENGLISH 495. (1, 2, or 3 hours)

Staff

INDEPENDENT STUDY. Readings or research under the supervision of a member of the English department. No student may receive credit for more than six hours of independent work. Prerequisite: Consent of instructor. Offered: On request.

*On leave 1975-1976.

FINE ARTS 201-202. (3-3)

Thompson

FINE ARTS

THE HISTORY OF THE FINE ARTS. This course is designed to promote the enjoyment of the fine arts — painting, architecture, and sculpture. A knowledge of ancient, medieval, and modern history and of ancient and modern languages is useful as background information but is not a requirement. 202 includes a Spring trip to the Washington galleries. Not open to freshmen. Prerequisite: None. Offered: 201 in the Fall semester; 202 in the Spring semester.

FINE ARTS 203-204. (3-3)

Thompson

MUSIC APPRECIATION. Primarily a listening course. The aim is an increased familiarity with the world's great music, the major musical forms, and the outstanding composers. No special musical knowledge or ability is required. Open to upperclassmen. Prerequisite: None, except that the first semester or equivalent is required for entry into the second. Offered: 203 in the fall semester; 204 in the spring semester.

FINE ARTS 206. (3)

Thompson

WESTERN ART OF THE 19TH AND 20TH CENTURIES. The painting, sculpture, and architecture of Europe and the Americas in the modern age. Prerequisite: Fine Arts 202 or equivalent. Offered: On sufficient demand.

FINE ARTS 495. (1, 2, 3)

Thompson

INDEPENDENT STUDY. Offered for students with an interest in pursuing a limited field in detail. Prerequisite: Fine Arts 201 or 202. Offered: On request.

GOVERNMENT PROFESSORS HOLLY, HUBARD; ASSISTANT PROFESSOR
AND FOREIGN GOLDBERG
AFFAIRS

The requirements for a major in Government and Foreign Affairs are as follows:

A minimum of thirty semester hours in Government and Foreign Affairs, fifteen to include Government 201-202; 311 or 312; any one of 211, 212, 213, or 214; and Foreign Affairs 205 or 206; plus six semester hours in American or European history. Students who expect to enter graduate school in the field of Government, Foreign Affairs, or Political Science are urged to include economics, philosophy, statistics, calculus, and computer programming in their undergraduate work.

Interdisciplinary majors within the social sciences may be developed and pursued with the approval of the departments concerned.

Students desiring to fulfill their distribution requirements in the social sciences by taking courses in Government and Foreign Affairs are advised to select from the following: Government 201 (not 202), 211, 212, 213, 214, 316, and Foreign Affairs 205, 206, and 307.

GOVERNMENT 201-202. (3-3)

Goldberg, Hubard

THE AMERICAN SYSTEM OF GOVERNMENT. This is a study of the theory and practice of national, state, and local government in the United States. The constitutional basis of the federal system, the protection of civil liberties and citizenship, and the role of the people in politics are studied with frequent references to leading Supreme Court decisions and other primary sources. Then follows an examination of the structure of the national government and its broadening area of functions and services. The course concludes with a consideration of state and local government. Prerequisite: None. Offered: 201 in the Fall semester; 202 in the Spring semester.

GOVERNMENT 211. (3)

Goldberg

CLASSICAL POLITICAL PHILOSOPHY. This course is an examination of Plato and Aristotle and of the classical tradition of political philosophy up to the Middle Ages. The emphasis is on close reading and critical interpretation of selected texts. Prerequisite: None. Offered: Fall semester of odd years.

GOVERNMENT 212. (3)

Goldberg

EARLY MODERN POLITICAL PHILOSOPHY. This course is an examination of Machiavelli, Hobbes, Locke, and Rousseau. The emphasis is on close reading and critical interpretation of selected texts. Prerequisite: None. Offered: Spring semester of even years.

GOVERNMENT 213. (3)

Goldberg

MODERN POLITICAL PHILOSOPHY. This course is an examination of the political philosophy in the Modern period. Emphasis is placed on Burke, Hegel, Mill, Marx, and Nietzsche. The emphasis is on close reading and critical interpretation of selected texts. Prerequisite: None. Offered: Fall semester of even years.

GOVERNMENT 214. (3)

Goldberg

AMERICAN POLITICAL THOUGHT. A survey of American political ideas and theories from the 17th century to the present with special emphasis given to the Founding period. Attention will be given to the writings of such thinkers as Thomas Jefferson, The Federalists, John Marshall, John C. Calhoun, Abraham Lincoln, Frederick Douglass, Oliver Wendell Holmes, Jr., Franklin Delano Roosevelt, and Felix Frankfurter. Prerequisite: None. Offered: Spring semester of odd years.

GOVERNMENT 311-312. (3-3)

Holly

GOVERNMENT, POLITICS AND FOREIGN POLICIES OF THE MAJOR POWERS. Government 311 includes a survey of the leading European political systems, their internal structure and development and their external role in the international system. Particular emphasis is placed on Great Britain, France, and West Germany. The United States is used as a basis of reference. Government 312 is devoted principally to the study of the major communist regimes, with emphasis on the Soviet Union and Communist China in their internal and external aspects. To the extent that time permits, the remainder of the course will consider Japan and India. Prerequisite: Government 201 or 202. Offered: 311 in Fall semester of even years; 312 in Spring semester of even years.

GOVERNMENT 315. (3)

Goldberg

THE PRESIDENCY. This is an examination of one of the most powerful offices in the world. Attention will be given to the creation of the American presidency; its historical development; its relations with the Legislature and Judiciary; and an evaluation of its compatibility with democracy. Prerequisite: Government 201-202. Offered: Fall semester.

GOVERNMENT 316. (3)

Goldberg

THE AMERICAN LEGISLATURE. This is an examination of the American Congress. Attention will be given to the principles which informed its creation, such as representation and bicameralism, to the legislature's relations with the other two branches of government, and to the contemporary workings of both houses of Congress. Prerequisite: None. Open to juniors and seniors only. Offered: Spring semester.

GOVERNMENT 401-402 (3-3)

Hubard

AMERICAN CONSTITUTIONAL LAW. In the light of changing political, social, and economic problems, this study follows the development of the American Constitution through judicial interpretation. The first semester deals with civil rights and liberties as

protected by the early Constitution, by the Bill of Rights, and by the Fourteenth Amendment. The second semester deals with the nature of the judicial process, the extent of national power, and the position of the states. Prerequisites: Government 201-202. Offered: 401 in the Fall semester; 402 in the Spring semester.

GOVERNMENT 403-404 (0-6)

Hubard

INTRODUCTORY SURVEY OF LAW. This course is designed to give students (1) an appreciation of the role of law in modern society, (2) an insight into the increasing role of government in the economy, and (3) an understanding of certain principles of law which underlie our free economy and serve as guides to business. Prerequisite: Government 201-202 or Economics 101. Offered: 403 in the Fall semester; 404 in the Spring semester.

GOVERNMENT 406 (3)

Goldberg

PUBLIC POLICY. This course is an examination of the formulation and implementation of public policy. Attention will be given to the presuppositions underlying public policy formulation as well as the relationship of public policy to the fundamental principles of the regime. Various contemporary issues confronting the government will be used to illustrate how policy issues are framed, evaluated, and implemented. Prerequisite: Government 201-202. Offered: Spring semester.

FOREIGN AFFAIRS 205-206 (3-3)

Holly

INTERNATIONAL RELATIONS. The first semester: a study of various concepts and theories of international relations and a survey of governmental structure for decision-making in foreign affairs. The second semester: a survey of various functional international problems and of the international relations of various regions including Latin America, Western Europe, the Communist bloc, East Asia, and the Middle East. Prerequisite: None. Offered: 205 in the Fall semester; 206 in the Spring semester.

FOREIGN AFFAIRS 307 (3)

Holly

THE FAR EAST IN WORLD AFFAIRS. An area study of the Far East including the principal historical, linguistic, cultural, economic, sociological and strategic factors which have influenced its development and role in the international community. Prerequisite: None. Not open to Freshmen. Offered: Fall semester of odd years.

FOREIGN AFFAIRS 310 (3)

Holly

AMERICAN FOREIGN POLICY. An analysis of the national interest, national objectives, and role of the United States in the international community. Included is a study of the decision-making process, the role of the Executive and Legislative branches in the formulation and implementation of foreign policy, and the diplomacy of the United States. Prerequisite: Government 201-202; or Foreign Affairs 205-206; or permission of instructor. Offered: Spring semester of odd years.

FOREIGN AFFAIRS 405 (3)

Holly

INTERNATIONAL LAW AND ORGANIZATION. A study of the legal and organizational structure of the international system and of the processes and forms of international order. Prerequisite: Foreign Affairs 205-206. Offered: Fall Semester.

FOREIGN AFFAIRS 410 (3)

Holly

SEMINAR IN INTERNATIONAL RELATIONS. An intensive examination of critical problem areas. One phase of the seminar is normally devoted to an exercise in simulation. Prerequisite: Foreign Affairs 205-206, 308, 405 and Government 201-202, 311-312, or approval of instructor. Offered: Spring semester.

PROFESSOR BLISS; ASSOCIATE PROFESSORS LAINE, HISTORY
HEINEMANN*, SIMMS; ASSISTANT PROFESSORS FITCH,
ROBERTSON

The requirements for a major in History are 33 hours in history courses, including History 101-102 and 500. Of the remaining 24 hours, 9 must be in the field of United States history and 9 in any field outside United States history. In addition, history majors must take any one course (3 hours) in each of the fields of Political Science, Economics, and Philosophy.

All 300 and 400 level courses are open only to juniors and seniors or with the consent of the instructor.

Students are encouraged to develop individualized majors in consultation with a member of the History Department. Such a major would give a student a thorough foundation in history while offering him the opportunity to pursue topics of interest in related disciplines.

HISTORY 101-102. (3-3)

Laine, Simms

WESTERN CIVILIZATION. The study of Western Civilization from the Renaissance and Reformation to the present century with emphasis on those movements and institutions which have determined the form of the contemporary Western World. History majors must take this course no later than their junior year. It is a natural sequel to Western Man 101-102. Prerequisite: None. Offered: 101 in the Fall semester; 102 in the Spring semester.

HISTORY 103. (3)

Heinemann

TOPICS IN AMERICAN HISTORY. A one semester course on the American experience concentrating on the major ideas, movements, and men. A topical or thematic approach will be used rather than the traditional chronological method. Open to freshmen only. Prerequisite: None. Offered: Fall semester.

HISTORY 104. (3)

Heinemann

FRESHMAN SEMINAR IN AMERICAN HISTORY. A seminar investigating a selected topic in American history, utilizing outside readings, student papers, and class discussions. Open to freshmen only. Prerequisite: None. Offered: Spring semester of odd years.

HISTORY 201-202. (3-3)

Bliss, Fitch, Robertson

UNITED STATES. The first semester is confined to the period from the establishment of the colonies to the close of the Civil War with emphasis on the period following 1763, especially the years 1830-1860. The second semester begins with Reconstruction and goes through World War II with emphasis on the rise of progressivism and the New Deal. If time permits developments in the post-war period will be considered. Prerequisite: None. Offered: 201 in the Fall semester; 202 in the Spring semester.

HISTORY 205. (3)

Bliss

COLONIAL AMERICA. After a consideration of the motives of English colonization and the actual establishment of the colonies, particular attention is given to the factors shaping the economic, social, and political institutions of colonial America, and to the origins of the Revolution. Prerequisite: None. Offered: Fall semester.

HISTORY 206. (3)

Fitch

THE AGE OF THE AMERICAN REVOLUTION, 1763-1815. A survey which examines the processes which led to the creation of the American Republic. Emphasis is given to the causes of the Revolution and the emergence of American nationalism, the Confederation era, the creation of the Constitution, and the early years of the Republic. Prerequisite: None. Offered: Spring semester.

HISTORY 207-208. (3-3)

Heinemann, Robertson

CIVIL WAR AND RECONSTRUCTION. The United States from the War of 1812 to the Compromise of 1877. The first semester studies the origins of the Civil War, emphasizing the themes of nationalism and sectionalism, slavery, abolition, and the breakdown of the political system. The second semester investigates the waging of war, with some attention given to military events, and the efforts to restore the Union. Prerequisite: None. Offered: 207 in the Fall semester; 208 in the Spring semester.

HISTORY 209-210. (3-3)

Heinemann, Robertson

MODERN AMERICA. The United States from the end of Reconstruction to the present. The first semester (1877-1916) covers the development of America's industrial revolution, its impact on American life, and the responses of Populist and Progressive reformers to the new order. The themes of domestic reform and foreign involvement dominate the second semester with emphasis on the Twenties, the New Deal, and the Cold War. Prerequisite: None. Offered: 209 in the Fall semester; 210 in the Spring semester.

HISTORY 280. (3)

Heinemann

CIVIL WAR FIELD TRIP. A study of the tactics and strategy adopted and the influence of terrain in the eastern theater of the Civil War, with special emphasis on the life of the ordinary soldier as well as the characters of the prominent generals. Following some preliminary reading and classroom work, the class will take a ten day tour of the battlefields in this area, camping out where possible. Prerequisite: None. Offered: Spring short term on sufficient demand.

HISTORY 302. (3)

Bliss

MEDIEVAL CIVILIZATION. From the decline of the Roman Empire to the beginnings of the Modern Age. Emphasis is placed on the rise of feudal institutions, the rise of Christianity and the medieval church, the conflict between papal and secular governments, and the beginnings of nationality. Prerequisite: None. Offered: Spring semester.

HISTORY 307-308. (3-3)

Laine

THE FAR EAST. The impact of the West on East Asia and the resulting response of Asia to the Western invasion. Special emphasis is given to China — the influence of traditional Chinese civilization on surrounding countries, the growth of nationalism in China, the Japanese invasion of China, and the rise to power of the Chinese Communists. Prerequisite: None. Offered: 307 in the Fall semester of odd years; 308 in the Spring semester of even years.

HISTORY 311-312. (3-3)

Simms

RUSSIAN HISTORY. The first semester covers the period from the founding of Kievan Russia in the ninth century to the end of Nicholas I's reign in 1855. The second semester carries the story to the present. Prerequisite: Open only to juniors and seniors, or permission of the instructor. Offered: 311 in the Fall semester; 312 in the Spring semester.

HISTORY 313. (3)

Fitch

UNITED STATES DIPLOMATIC HISTORY. A survey of America's role in foreign affairs from the formation of the republic to the contemporary period. Emphasis will be given to the nature of American interests and the interplay between ideals and self-interests as America experienced the transition from a small power to great power status. Prerequisite: None. Offered: Fall semester.

HISTORY 315-316. (3-3)

Fitch

AMERICAN INTELLECTUAL HISTORY. This course provides an intensive examination of ideas in America from the colonial era to the present, dividing around the mid-nineteenth century. Emphasis is given to the development of major patterns of thought in America and the impact of these ideas upon institutions and values. Specific topics will be chosen to illustrate the particular configuration of political, social, economic, religious, and philosophical movements in America. Prerequisite: None. Offered: 315 in the Fall semester; 316 in the Spring semester.

HISTORY 317. (3)

Heinemann

THE AMERICAN SOUTH. A study of the unique features of the Southern past which have distinguished the region from the rest of the nation. Emphasis is given economic development, the role of race, the role of myth in the making of history, and political leadership. Prerequisite: None. Offered: Spring semester of odd years.

HISTORY 318. (3)

Heinemann

BLACK AMERICA. A study of the Negro's contribution to American history and culture, both individually and collectively. Emphasis is given to the institutions of slavery and segregation, black leadership, and the black protest movement. Prerequisite: None. Offered: Spring semester of even years.

HISTORY 319-320. (3-3)

Laine

ENGLAND AND THE BRITISH EMPIRE. The origins and growth of English institutions and their spread to other parts of the world. Particular attention is devoted to the English contribution in government and law, to Britain's relations with the rest of the world, and to the rise and decline of her empire. The second semester begins with the Restoration in 1660. Prerequisite: None. Offered: 319 in the Fall semester; 320 in the Spring semester.

HISTORY 321. (3) See Classical Studies.

HISTORY 322. (3) See Classical Studies.

HISTORY 401-402. (3-3)

Bliss

THE TWENTIETH CENTURY WORLD. The first semester is a study of the international scene between 1918 and 1945, with emphasis on conditions leading to the outbreak of World War II. The second semester is essentially concerned with the origins of tensions between East and West blocs, with particular emphasis on developments in the Near East, Africa, and Asia. Prerequisite for 401: None. Prerequisite for 402: History 401. Offered: 401 in the Fall semester; 402 in the Spring semester.

HISTORY 405. (3)

Simms

STUDIES IN MODERN EUROPEAN HISTORY. This course will deal with special topics in Modern European History, such as: War, Revolution, National Socialism, the Soviet Union, and the Industrial Revolution, utilizing outside readings, student papers and class discussion. Permission of instructor required. Offered: Spring semester.

HISTORY 407. (3)

Laine

TUDOR AND STUART BRITAIN. An examination of the rulers and major persons from 1485 to 1714 with emphasis on the establishment of the strong Tudor monarchy and the eventual eclipse of the Stuart monarchy by the social and political groups which came to dominate Parliament. Due consideration is given to the intellectual, religious,

economic, and social changes which produced the constitutional development. Prerequisites: History 319-320 or permission of instructor. Offered: Fall semester.

HISTORY 408. (3)

Laine

THE AGE OF HUMANISM AND REFORMATION. A study of the decline of characteristic features of medieval civilization and the rise of modern European institutions with particular attention to intellectual movements from Dante to Erasmus. Emphasis is given to the origin of Luther's revolt, the course of the Reformation in its different forms, and the development of the Counter-Reformation. Prerequisites: Open to seniors; juniors with permission of instructor. Offered: Spring semester.

HISTORY 410. (3)

Heinemann

STUDIES IN TWENTIETH CENTURY AMERICA. A seminar investigating selected topics in Twentieth Century American life and politics, utilizing readings, student papers, and class discussions. Open to juniors and seniors. Prerequisite: None. Offered: Spring semester of even years.

HISTORY 413. (2)

Simms

EUROPE FROM 1870-1918. A study of European history from the Franco-Prussian War to the end of WWI, with particular emphasis upon the 1st World War. This course will utilize outside readings, student papers, oral reports, and class discussion. Offered: Fall semester.

HISTORY 414. (2)

Simms

EUROPE FROM 1918-1950. A study of Europe from the Treaty of Versailles to the advent of the cold war, with special emphasis on fascism, Nazi Germany, and World War II. This course will utilize outside readings, student papers, oral reports, and class discussion. Offered: Spring semester.

HISTORY 495. (1, 2, or 3 hours)

Staff

INDEPENDENT STUDY. Supervised reading and research in selected topics. Open to juniors and seniors. Prerequisite: Overall academic average of B. Offered: On request.

HISTORY 500. (3)

Staff

SENIOR THESIS. All history majors will be required to write in either term of their senior year a thesis. An exercise in research and advanced composition, the thesis will investigate in detail some historical topic of interest to the student. The student will work under the guidance of a member of the History Department in selecting, researching, and writing his essay. Prerequisite: None. Offered: Each semester.

*On leave 1975-1976

HUMANITIES FACULTY OF THE DEPARTMENTS OF CLASSICS, ENGLISH, FINE ARTS, HISTORY, MODERN LANGUAGES, AND PHILOSOPHY

The requirement for the Humanities major, including the distribution requirement in the Humanities division and the foreign language proficiency requirement, is 60 semester hours' work, as follows:

a) English	12 semester hours
200 level and above	
b) Foreign Languages	18 semester hours
200 level and above in two languages, one ancient, one modern	
c) Philosophy 301-302	6 semester hours
d) Fine Arts 201-202 or 203-204	6 semester hours
e) History	9 semester hours
Ancient, 3 semester hours	
Medieval, 3 semester hours	
Additional, 3 semester hours	
f) Advanced English, Foreign Language, Philosophy, or thesis	3 semester hours
g) Electives in the Humanities	6 semester hours

INTERSCIENCE FACULTY OF THE DEPARTMENTS OF BIOLOGY, CHEMISTRY, MATHEMATICS, AND PHYSICS

Students may satisfy the requirements for the Interscience Major as well as the Natural Science portion of the distribution requirements by following any one of the several courses of study specified below.

Biochemistry

BIOLOGY: 103-153 (General and Laboratory), 220 (Microbiology), 311 (Genetics), 331 (Biochemistry), 332 (Cell Physiology); either 222 (Morphogenesis) or 322 (Comparative Vertebrate) or 321 (Developmental) or 342 (Plant Physiology). Total: 24-25 hours.

CHEMISTRY: 101-102-151-152 (Concepts and Laboratory), 201-202-251-252 (Organic), 302 (Physical Chemistry II), 311 (Biochemistry). Total: 22 hours.

OTHER: Physics 111-112-151-152 (General and Laboratory); Mathematics 101 (Introductory Calculus). Total: 12 hours.

Biophysics

BIOLOGY: 103-153 (General and Laboratory), 311 (Genetics), 331 (Biochemistry), 332 (Cell Physiology), either 222 (Morphogenesis) or 220 (Microbiology) or 342 (Plant Physiology). Total: 20-21 hours.

PHYSICS: 111-112-151-152 (General Physics and Laboratory), 215-216-261-262 (Electronic Instrumentation), 213 (Radiation Physics), 311 (Biophysics), 304 (Optics). Total: 24 hours.

OTHER: Chemistry 101-102-151-152 (Concepts and Laboratory); either Chemistry 201-251 (Organic) or Mathematics 101 (Introductory Calculus). Total: 12 hours.

Chemical Physics

CHEMISTRY: 101-102-151-152 (Concepts and Laboratory), 301-302-351-352 (Physical Chemistry and Laboratory), 411 (Physical Chemistry III). Total: 21 hours.

PHYSICS: 111-112-151-152 (General and Laboratory), 201 (Mechanics); either 202 (Electricity and Magnetism) or 215-261 (Electronics); 216-262 (Electronic Instrumentation); either 211 (Computer-based Physics) or 303 (Thermodynamics); 312 (Crystallography). Total: 23 hours.

OTHER: Mathematics 101 (Analysis I), Mathematics 102 (Analysis II), and Computer Science 221 (Introduction to Computing). Total: 11 hours.

Substitutions in the above courses of study may be made with the approval of both department chairmen in the areas of concentration. Such substitutions must not lessen the coherence of the course of study.

Other Interscience Programs

Other courses of study involving concentrations in Mathematics and the Natural Sciences must include Mathematics 202 and at least six semester hours in Mathematics at the 300 or 400 level. Programs must include at least 52 semester hours in Mathematics and the Natural Sciences, and meet one of the three following distribution requirements: Either a) 42 hours in Mathematics and Biology combined; or b) 42 hours in Mathematics and Chemistry combined; or c) 42 hours in Mathematics and Physics combined. The course of study must form a coherent program, and must be approved by both department chairmen in the areas of concentration. The planned course of study shall be presented to the Associate Academic Dean at spring pre-registration of the sophomore year. Later substitutions in the course of study may be made with the approval of both department chairmen; such substitutions must not lessen the coherence of the course of study.

MATHEMATICS ASSOCIATE PROFESSORS ESPIGH, GASKINS, SKERRY;
AND COMPUTER ASSISTANT PROFESSORS FRANKE, SANDERS
SCIENCE

The requirements for a major in mathematics are a minimum of 36 hours in mathematics and computer science, including Mathematics 101, 102, 201, 202, 301, 303, 306, and electives at the 200 level or higher totaling at least 12 semester hours. Of these 12 hours, at most 6 may be in computer science. Subject to prior approval by the department, one 3-hour course, making extensive application of advanced mathematics and chosen from another discipline, may be substituted for one mathematics elective.

The Computer Science Option is for those who plan on doing advanced work in computing, and consists essentially of a major in mathematics supplemented by work in computer science. The recommended courses are Mathematics 101, 102, 201, 202, 301, 302, 303, together with at least one of Mathematics 203, 304, 308, 309, 310, and all of Computer Science 221, 222, 321, 322, 421, 422. Students interested in pursuing this option are advised to consult with the computer science faculty no later than the second semester of their freshman year.

MATHEMATICS 100. (4)

Esphig

ELEMENTARY FUNCTIONS. Review of selected topics in algebra and analytic geometry. Properties and graphs of algebraic, exponential, logarithmic, and trigonometric functions. This course is designed as a pre-calculus course for those students planning to take calculus who lack sufficient preparation to enter Math 101. (Math 100 may not be used to satisfy the natural sciences distribution requirement.) Prerequisite: None. Offered: Each semester.

MATHEMATICS 101. (4)

Sanders, Skerry

CALCULUS I. Functions, limits, derivative, definite and indefinite integral, plane analytic geometry, vectors. Prerequisite: None. Offered: Each semester.

MATHEMATICS 102. (4)

Skerry

CALCULUS II. Trigonometric, logarithmic, and exponential functions, techniques of integration, applications of the derivative and integral, underlying theory. Prerequisite: Math 101 or advanced placement examination. Offered: Each semester.

MATHEMATICS 103. (4)

Gaskins

STATISTICS. Introduction to probability and statistics. Prerequisite: None. Offered: Each semester.

MATHEMATICS 104. (3)

Joyner, Kriss, Skerry

MATHEMATICS FOR BUSINESS MANAGEMENT. Modern mathematical concepts and structures applied to business management. Prerequisite: None. Offered: Spring semester.

MATHEMATICS 201. (3) *Espigh, Kriss, Skerry*
LINEAR ALGEBRA. Vector spaces, linear transformations and matrices, inner product spaces. Development of computational tools. Prerequisite: Math 102. Offered: Fall semester.

MATHEMATICS 202. (4) *Skerry*
CALCULUS III. Polar coordinates, solid geometry and vectors, partial derivatives, multiple integrals, infinite series. Prerequisite: Math 102 or advanced placement examination. Offered: Spring semester.

MATHEMATICS 203. (4) *Gaskins*
STATISTICAL METHODS. Organizing, conducting, and analyzing experiments with emphasis on data analysis using both parametric and non-parametric methods. Prerequisite: Math 103 or consent of instructor. Offered: Spring semester.

MATHEMATICS 207. (3) *Staff*
DIFFERENTIAL EQUATIONS. The study of ordinary differential equations, drawing from such topics as first and second order equations with applications, general linear equations, systems, series solutions, Laplace transform. Prerequisite: Math 202 or consent of professor. Offered: Fall semester of even years.

MATHEMATICS 301-302. (3-3) *Sanders*
ADVANCED CALCULUS. Topics may include sets, functions, limits, continuity, differentiation, integration, sequences and series, uniform convergence, power series, transformations and their differentials and inverses, implicit functions, transformations of multiple integrals, line and surface integrals, Fourier series. Development of the theory. Prerequisite: Math 202. Offered: 301 in the Fall semester; 302 in the Spring semester.

MATHEMATICS 303-304. (3-3) *Espigh*
ALGEBRAIC STRUCTURES. Groups, rings, fields, linear algebra, and selected topics. Prerequisite: Math 201. Offered: 303 in the Fall semester of odd years; 304 in the Spring semester of even years.

MATHEMATICS 305. (3) *Espigh, Sanders, Skerry*
GEOMETRY. An axiomatic approach to Euclidean geometry and an introduction to non-Euclidean geometries. Prerequisite: Math 102. Offered: Fall semester of even years.

MATHEMATICS 306. (3) *Espigh, Sanders, Skerry*
TOPOLOGY. Elementary topological concepts. Prerequisite: Math 301. Offered: Spring semester of odd years.

MATHEMATICS 307. (3) *Sanders*
ELEMENTARY NUMBER THEORY. An introduction to the theory of numbers. Prerequisite: Math 102. Offered: Spring semester of even years.

MATHEMATICS 308. (3)

Gaskins

NUMERICAL ANALYSIS. Solutions to problems of analysis by numeric methods and the study of error in numeric processes. Prerequisites: Math 201 and Computer Science 221. Offered: On sufficient demand.

MATHEMATICS 309. (3)

Skerry

APPLIED MATHEMATICS. Mathematical models and topics in advanced mathematics with application to the natural and social sciences. Prerequisites: Math 201 and 301. Offered: Spring semester of even years.

MATHEMATICS 310. (3)

Gaskins

PROBABILITY AND STATISTICS. The theory of probability and statistics. Prerequisites: Math 102 and 103. Offered: On sufficient demand.

MATHEMATICS 311. (3)

Sanders

COMPLEX ANALYSIS. An introduction to the theory of complex functions. Prerequisite: Math 301. Offered: Fall semester of odd years.

MATHEMATICS 401-402. (3-3)

Espigh, Sanders, Skerry

REAL ANALYSIS. Introduction to the theory of real functions, Lebesgue measure and integration, and related topics. Prerequisites: Math 301 and 302. Offered: On sufficient demand.

MATHEMATICS 485. (1, 2, or 3 hours)

Staff

SEMINAR. A seminar on selected topics in mathematics. Prerequisite: Consent of the department. Offered: On sufficient demand.

MATHEMATICS 495. (1, 2, or 3 hours)

Staff

INDEPENDENT STUDY. A program of independent study for advanced students of mathematics to be arranged individually for each student in consultation with the department. Prerequisite: Admission by consent of the department. Offered: On demand.

COMPUTER SCIENCE COURSES

COMPUTER SCIENCE 121. (3)

Franke, Gaskins

INTRODUCTION TO ELECTRONIC DATA PROCESSING. A study of the programming methods, logic, and machinery used in modern business programming. Emphasis will be on applications-programming through the Common Business Oriented Language (COBOL). Prerequisite: None. Offered: Fall semester.

COMPUTER SCIENCE 122. (3)

Franke, Gaskins

ADVANCED COBOL PROGRAMMING. A continuation of Computer Science 121 but with emphasis on disk and tape applications and programming efficiency. A student project will be required. Prerequisite: Computer Science 121. Offered: Spring semester.

COMPUTER SCIENCE 221. (3)

Franke, Gaskins

INTRODUCTION TO COMPUTING. Discussion of algorithms, programs, and computers. Extensive work in the preparation, running, debugging, and documenting of programs. Discussion of organization and characteristics of hardware and software systems. Prerequisite: None. Offered: Each semester.

COMPUTER SCIENCE 222. (3)

Franke, Gaskins

ADVANCED FORTRAN PROGRAMMING. A continuation of Computer Science 221 but with emphasis on disk and tape applications and programming efficiency. A student project will be required. Prerequisite: Computer Science 221. Offered: Spring semester.

COMPUTER SCIENCE 321. (3)

Gaskins

COMPUTERS AND PROGRAMMING. Computer structure with reference to programming applications of the structure. Machine and assembly language programming concepts will be discussed with exercises, illustrating the discussions, given on available computing systems. Prerequisite: Computer Science 221. Offered: Spring semester.

COMPUTER SCIENCE 322. (3)

Gaskins

INTRODUCTION TO INFORMATION STRUCTURES. Selected topics in discrete mathematics to include Boolean algebra, propositional logic, and graph theory. Description of data bases and their structure, sorting and searching of information from files, referencing and processing techniques based on structure. List processing, content addressing, and cross-referencing of files. Prerequisite: Computer Science 222. Offered: Fall semester.

COMPUTER SCIENCE 421. (3)

Gaskins

PROGRAMMING LANGUAGES. Formal definition of programming languages to include specification of syntax and semantics. Comparative studies of algorithmic, list processing, string manipulation, simulation, and algebraic manipulation languages. Prerequisite: Computer Science 222. Offered: Spring semester.

COMPUTER SCIENCE 422. (3)

Gaskins

SYSTEMS PROGRAMMING. Study of construction of software to handle the operation of a computing system. Topics covered include batch processing systems, multiprogramming and multiprocessor systems, and addressing techniques. Prerequisites: Computer Science 321, 322, and 421. Offered: On sufficient demand.

MODERN PROFESSOR WHITTED; ASSOCIATE PROFESSOR SILVEIRA;
LANGUAGES ASSISTANT PROFESSORS FARRELL, JAGASICH

The requirements for a major in French or Spanish are 18 hours in the language including 301-302 with four courses at the 400 level, and the completion of one of the following cultural or linguistic options: 1) Latin or Greek through the 102 level plus *Descriptive Linguistics* (Classical Studies 301) and *English Etymology* (Classical Studies 201); or 2) a second modern language (French, Spanish, or German) through the 202 level; or 3) six semester courses (not counted toward distribution) in related culture areas to include Fine Arts, History, Literature, Bible or Philosophy. Majors are encouraged to consider overseas study during their junior year. For a concentration in two modern languages or a double major in conjunction with some other discipline (e.g., Government and Foreign Affairs), the student must complete in the language(s) concerned four semester courses at the 400 level.

MODERN LANGUAGE PLACEMENT POLICY

- I. All students entering as freshmen or transferring will be screened and placed tentatively according to their linguistic background.
- II. Students may not be placed higher than 201 without substantiation of their proficiency by some nationally-recognized test: Specifically, by scoring 85 on the MB Princeton test, by scoring 650 on the SAT Achievement test, or by scoring 4 on the AP test.
- III. All students offering such proof of proficiency will be granted up to 6 hours of credit and exemption from the 200 level of a given language.

FRENCH

FRENCH 101-102. (0-6)

Staff

INTRODUCTION TO FRENCH. Grammar, reading, and drill in pronunciation. Credit toward the satisfaction of the language requirement only if followed by French 201-202. Laboratory. Prerequisite: None. Offered: 101 in the Fall semester; 102 in the Spring semester.

FRENCH 201-202. (0-6)

Farrell

INTERMEDIATE FRENCH. A balanced course with emphasis on reading. Prerequisite: French 101-102 or two years of high school French. Laboratory. Offered: 201 in the Fall semester; 202 in the Spring semester.

FRENCH 301-302. (3-3)

Farrell

MASTERPIECES OF FRENCH LITERATURE. A survey of French literature from its medieval origins to the present; a thematic presentation with complete, representative works read. Considerable reading. Prerequisite: French 201-202 or equivalent. Offered: 301 in the Fall semester; 302 in the Spring semester.

FRENCH 307-308. (3-3)

Farrell

MASTERPIECES OF FRENCH LITERATURE (in English). An introduction to world literature of French origin for elective credit in Humanities. Same structure and material as 301-302. Prerequisite: French 201-202 or approval of professor. Offered: When possible.

FRENCH 401. (3)

Farrell

FRENCH THEATER. Survey of French drama from medieval *troupe* to *absurde*, in thematic presentation, through theory and criticism. Extensive reading. Prerequisite: French 301-302 or approval of professor. Required of majors. Offered: Fall semester of even years.

FRENCH 402. (3)

Farrell

ADVANCED FRENCH COMPOSITION. Intensive grammar review in conjunction with preparation of difficult texts; emphasis on essay format and *explication de textes*. Prerequisite: French 301-302 or approval of professor. Required of majors. Offered: Spring semester of odd years.

FRENCH 403. (3)

Farrell

FRENCH POETRY. Survey of French poetical forms from Middle Ages to Symbolism; examination of the unique character of French verse. Extensive reading. Prerequisite: French 301-302 or approval of professor. Required of majors. Offered: Fall semester of odd years.

FRENCH 404. (3)

Farrell

FRENCH NOVEL. Seminar course to be conducted through intensive study of authors and movements; biographic, bibliographic, and critical sources, from the elaboration of early narrative forms through the *nouveau roman*. Extensive reading. Prerequisite: 301-302 or approval of professor. Required of majors. Offered: Spring semester of even years.

FRENCH 485. (1, 2, or 3 hours)

Staff

SPECIAL TOPICS IN FRENCH. Intensive study under guidance of senior professor of French in specialized area other than class listings. Prerequisite: Approval of instructor. Offered: On request.

FRENCH 495. (1, 2, or 3 hours)

Staff

INDEPENDENT STUDY IN FRENCH. An individually-prepared plan for independent learning in French studies either on campus or abroad. Plan must be approved in advance by senior French professor and results shown by examination. Prerequisite: Approval of professor. Offered: On request.

GERMAN

GERMAN 101-102. (0-6)

Staff

INTRODUCTION TO GERMAN. A thorough familiarity with the language is developed by constant grammatical drill, composition, and translation. A reasonable amount of simple narrative prose is read. Credit toward satisfaction of the language requirement only if followed by German 201-202. Laboratory. Prerequisite: None. Offered: 101 in the Fall semester; 102 in the Spring semester.

GERMAN 201-202. (0-6)

Jagasich

INTERMEDIATE GERMAN. A review of grammar will be covered. Oral practice based on readings from various types of material will be emphasized. Elements of composition taught. Students will be encouraged to perform a play as well as report on individual (outside) reading. Laboratory. Prerequisite: German 101-102 or two years of high school German. Offered: 201 in the Fall semester; 202 in the Spring semester.

GERMAN 301-302. (3-3)

Jagasich

SURVEY OF GERMAN LITERATURE. The history of German literature from the beginnings to our day, with class reading of selected poetry, prose and drama of the 19th and 20th centuries. Term reports on extensive parallel reading. Prerequisite: German 201-202, or its equivalent. Offered: On sufficient demand.

GERMAN 485. See French 485.

GERMAN 495. See French 495.

RUSSIAN

RUSSIAN 201-202. (0-6)

Jagasich

INTERMEDIATE RUSSIAN. Advanced grammar to be taught while translating more difficult reading material coupled with advanced conversation. Vocabulary building and active participation are encouraged. Basic composition skills are taught. Songs and poetry used to introduce students to Russian culture and art. Prerequisites: Russian 101-102. Offered: 201 in the Fall semester; 202 in the Spring semester.

SPANISH

SPANISH 101-102. (0-6)

Staff

INTRODUCTION TO SPANISH. The elements of grammar, composition, and pronunciation. Credit toward satisfaction of the language requirement only if followed by Spanish 201-202. Laboratory. Prerequisite: None. Offered: 101 in the Fall semester; 102 in the Spring semester.

SPANISH 201-202. (0-6)

Staff

INTERMEDIATE SPANISH. A review of grammar will be covered. Oral practice based on readings from Spanish and Spanish-American writers will be emphasized. Laboratory. Prerequisites: Spanish 101-102 or two years of high school Spanish. Offered: 201 in the Fall semester; 202 in the Spring semester.

SPANISH 301-302. (3-3)

Whitted

NINETEENTH AND TWENTIETH CENTURY LITERATURE. A survey course of Spanish literature from the beginning to the present with emphasis on the Nineteenth and Twentieth Centuries. There will be outside readings. Prerequisites: Spanish 201-202, or its equivalent. Offered: 301 in the Fall semester; 302 in the Spring semester.

SPANISH 303-304. (3-3)

Silveira

SPANISH-AMERICAN CIVILIZATION. A survey of the history and culture of Spanish America. Prerequisites: Spanish 201-202 or approval of the professor. Offered: 303 in the Fall semester of even years; 304 in the Spring semester of odd years.

SPANISH 305-306. (3-3)

Whitted

SPANISH CIVILIZATION. A survey of the history and culture of Spain. Prerequisites: Spanish 201-202 or approval of the professor. Offered: 305 in the Fall semester of odd years; 306 in the Spring semester of even years.

SPANISH 401-402. (3-3)

Silveira or Whitted

SPANISH-AMERICAN LITERATURE. The study of Spanish-American literature and civilization from the colonial period to the present day. A part of the course will be devoted to advanced grammar and conversation. Alternates with Spanish 403-404. Prerequisites: Spanish 301-302. Offered: 401 in the Fall semester of odd years; 402 in the Spring semester of even years.

SPANISH 403-404. (3-3)

Silveira or Whitted

SPANISH LITERATURE BEFORE 1700. This course will survey the development of Spanish literature from its beginning to the eighteenth century. However, most of the work in class will be limited to the study of the Spanish Epic, the Picaresque Novel, Cervantes, and the *Siglo de Oro* drama. Outside readings will be required. Prerequisite: Spanish 301-302. Offered: 403 in the Fall semester of even years; 404 in the Spring semester of odd years.

SPANISH 485. See French 485.

SPANISH 495. See French 495.

PHILOSOPHY ASSOCIATE PROFESSOR IVERSON; ASSISTANT PROFESSOR SCHRAG

The requirements for a major in Philosophy are Philosophy 201, 301-302, 303, 308, and an additional 12 hours in Philosophy courses. A joint program in Philosophy and Religion or in Philosophy and another department should have the approval of the chairmen of both departments.

PHILOSOPHY 201. (3)

Iverson

LOGIC. An introduction to the fundamentals of correct reasoning which includes a study of informal fallacies, the traditional syllogism, and symbolic logic. Prerequisite: None. Offered: Each semester.

PHILOSOPHY 202. (3)

Schrag

PROBLEMS OF PHILOSOPHY. An introduction to philosophical thinking and arguments through a selection of problems such as meaning, knowledge, truth, justice, freedom, and God. Prerequisite: None. Offered: Each semester.

PHILOSOPHY 301-302. (3-3)

301-Iverson; 302-Schrag

HISTORY OF PHILOSOPHY. A study of the major thinkers of Western thought from the Greeks to the nineteenth century with attention given to their cultural context. First semester: Classical and Medieval; Second semester: Modern. Prerequisite: None; not open to freshmen. Offered: 301 in the Fall semester; 302 in the Spring semester.

PHILOSOPHY 303. (3)

Schrag

CONTEMPORARY PHILOSOPHY: PRAGMATISM AND THE ANALYTIC TRADITION. A survey of the major American and British philosophers. Prerequisite: Philosophy 202 or Philosophy 302. Offered: Fall semester.

PHILOSOPHY 304. (3)

Schrag

ETHICS. A consideration of moral justification and the principal ethical theories and their application to some specific moral problems such as drug use, sexual morality, abortion, discrimination, violence, and business ethics (problems will vary with the semester). Prerequisite: None; not open to freshmen. Offered: Spring semester.

PHILOSOPHY 306. (3)

Schrag

SOCIAL PHILOSOPHY. An examination of the criteria for formulating and evaluating social institutions and policies; analysis of central concepts such as rights, property, justice, equality and the public good; social problems such as enforcement of morals, distribution of wealth, values of a business society. Prerequisite: Philosophy 304 strongly recommended. Offered: Fall semester.

PHILOSOPHY 307. (3)

Iverson

PHILOSOPHY OF RELIGION. A study of the major issues and men in contemporary reflection on religion. Prerequisite: 3 hours in Philosophy or Religion courses. Offered: Fall semester.

PHILOSOPHY 308. (3)

Iverson

CONTEMPORARY PHILOSOPHY: EXISTENTIALISM AND PHENOMENOLOGY. A survey of the major Continental philosophers. Prerequisite: 3 hours in Philosophy. Offered: Spring semester.

PHILOSOPHY 310. (3)

Schrag

ETHICS OF HEALTH CARE. This course will deal with certain normative ethical and social issues in health care. The course will involve the application of philosophical analysis and value theory to issues of public policy such as the allocation of medical resources and the nature of health care delivery systems and also to specific ethical issues such as human experimentation, behavior-control, abortion and euthanasia. Prerequisite: Consent of the Instructor. Offered: Spring short term.

PHILOSOPHY 380. (3)

Iverson

MARX AND MARXIST HUMANISM. A survey of some of the basic developments in the philosophical and humanistic ideas in the Marxist tradition; the first part of the course will be a study of Marx and the second part of the course will deal with the interpretation and application of Marx's ideas in contemporary Marxist humanism. Prerequisite: 3 hours in Philosophy or Government and Foreign Affairs. Offered: Spring semester.

PHILOSOPHY 485. (3)

Staff

SPECIAL TOPICS. An intensive study of a major philosophical issue, of a major philosophical writing, or of prominent men such as Kant, Mill, Kierkegaard, Nietzsche, Heidegger, Whitehead and Wittgenstein. Topic changes regularly. Open to non-majors. Prerequisite: Permission of instructor. Offered: Each semester.

PHILOSOPHY 495. (1, 2, or 3 hours)

Staff

INDEPENDENT STUDY. Individual study of a classical or contemporary problem or philosopher. Prerequisites: 6 hours of Philosophy courses and permission of the department. Offered: On request.

PROFESSOR BURRELL

PHYSICAL
EDUCATION

PHYSICAL EDUCATION 301. (2)

Burrell

A study of the philosophy and methods involved in the coaching of interscholastic sports. Emphasis is given to basketball, baseball, football, golf, soccer, tennis, track and the prevention and treatment of

athletic injuries. Attendance at selected varsity practice sessions is required. Elective for juniors and seniors. Prerequisite: None. Offered: Each semester.

HEALTH EDUCATION 303. (2)

Burrell

A survey of the basic principles of good health. A study of ecology and the impact that environmental factors have on overall fitness. Emphasis is placed on physiology, the family cycle, drugs, and the prevention and cure of diseases. Elective for juniors and seniors. Prerequisite: None. Offered: Each semester.

Only two hours of credit in Physical Education are allowed toward the satisfaction of the 123 hours required for a degree.

PHYSICS PROFESSORS JOYNER, MAYO; ASSOCIATE PROFESSORS BEARD, KIESS; INSTRUCTOR KRISS

The requirements for a major in physics are Physics 111-112, 151-152, plus additional hours to total 32 and Math 101-102.

Students who desire a rigorous mathematical treatment of the fundamentals of physics and who plan graduate work in physics should take Physics 201, 202, 301, 302, 303, 304, 351, 352, 401, 402.

Students who plan to teach or pursue careers in business or industry involving applications of physical principles should take 103, 104, 211, 213, 215, 216, 261, 262, 304, 311.

PHYSICS 101. (3)

Kriss

PLANETARY ASTRONOMY. Study of the evolution of the Galilean-Newtonian model of the solar system, satellites, planets, comets, meteors, and astronomical instruments. Prerequisite: None. Corequisite: Physics 141. Offered: Fall semester.

PHYSICS 102. (3)

Kriss

STELLAR ASTRONOMY. A study of stellar properties, the sun, star clusters, galaxies, stellar evolution and cosmology. Prerequisite: None. Corequisite: Physics 142. Offered: Spring semester.

PHYSICS 103-104. (0-6)

Beard

BASIC ELECTRICITY AND ELECTRONICS. The first semester covers basic principles of electrical circuits, and simple transistorized amplifiers and oscillators. The second semester covers practical applications of other important solid-state devices, additional work with transistorized amplifiers, and simple applications of integrated circuits. Applications found in audio and music synthesizer circuits are emphasized. The level of the course is appropriate for the non-science major. Prerequisite: None. Corequisite: Physics 143-144. Offered: 103 in the Fall semester; 104 in the Spring semester.

PHYSICS 105. (3)

Joyner

ENVIRONMENTAL PHYSICS. A look at the physical aspects of transportation, education, pollution, energy and natural resources, weapons, and communication. Prerequisite: None. Corequisite: Physics 145. Offered: Spring semester.

PHYSICS 108. (3)

Kiess

METEOROLOGY. An elementary introduction to meteorology, to include properties of the atmosphere and its effects on weather. Measurement of atmospheric properties, weather maps, and weather forecasting will be emphasized. Though some laboratory work will be included in this course, it will not satisfy the laboratory required under the Natural Science portion of the Distribution Requirements. Prerequisite: None. Offered: Fall semester.

PHYSICS 110. (3)

Joyner

ENERGY AND POWER. A survey of present global energy sources and future possibilities, with qualitative economic analysis. The exploration of novel methods of generating power will be emphasized. Prerequisite: None. Corequisite: Physics 150. Offered: Fall semester.

PHYSICS 111-112. (3-3)

Joyner, Kiess, Mayo

GENERAL PHYSICS. A survey of classical and modern physics. Elementary calculus is used. A student who is enrolled in Physics 111 must have taken Math 101 or must be taking it concurrently. This sequence of courses is recommended for science majors and students who plan to apply to medical school. Prerequisite: None. Corequisite: Physics 151-152. Offered: 111 in the Fall semester; 112 in the Spring semester.

PHYSICS 120. (3)

Beard

PHYSICS OF MUSIC, MUSICAL INSTRUMENTS, AND HEARING. Topics covered include the following: the physical and acoustical background of music; the reception of musical sounds by the auditory system; factors influencing tone quality; auditorium and room acoustics; production of sound by various musical instruments, electronic synthesizers and audio speaker systems. There is emphasis upon demonstrations and short projects carried out by students. The level of the course is appropriate for the non-science major. Prerequisite: None. Offered: Spring short term.

PHYSICS 121-122. (1-1)

Joyner

PROBLEMS IN GENERAL PHYSICS. Extended problem solving using calculus. Intended for students majoring in mathematics or science. Prerequisite: None. Offered: 121 in the Fall semester; 122 in the Spring semester.

PHYSICS 141. (1)

Beard, Kriss

LABORATORY. Accompaniment for Physics 101. Prerequisite: None. Corequisite: Physics 101. Offered: Fall semester.

PHYSICS 142. (1) *Beard, Kriss*
LABORATORY. Accompaniment for Physics 102. Prerequisite: None.
Corequisite: Physics 102. Offered: Spring semester.

PHYSICS 143. (1) *Beard*
LABORATORY. Accompaniment for Physics 103. Prerequisite: None.
Corequisite: Physics 103. Offered: Fall semester.

PHYSICS 144. (1) *Beard*
LABORATORY. Accompaniment for Physics 104. Prerequisite: None.
Corequisite: Physics 104. Offered: Spring semester.

PHYSICS 145. (1) *Joyner*
LABORATORY. Accompaniment for Physics 105. Prerequisite: None.
Corequisite: Physics 105. Offered: Spring semester.

PHYSICS 150. (1) *Joyner*
LABORATORY. Accompaniment for Physics 110. Prerequisite: None.
Corequisite: Physics 110. Offered: Fall semester.

PHYSICS 151-152. (1-1) *Kiess*
GENERAL PHYSICS LABORATORY. An experimental examination
of a variety of physical phenomena, along with an introduction to
laboratory techniques and procedure. Prerequisite: None. Corequisite:
Physics 111-112. Offered: 151 in the Fall semester; 152 in the Spring
semester.

PHYSICS 201. (3) *Kriss*
MECHANICS. Particle dynamics is treated with particular emphasis on
harmonic motion, motion in a central force field, and the two body
problem. Prerequisite: Physics 111. Offered: Fall semester.

PHYSICS 202. (3) *Joyner*
ELECTRICITY AND MAGNETISM. A study of electrostatics,
electrodynamics, dielectrics, magnetism; concluding with Maxwell's
equations. Prerequisite: Physics 112 and 201. Offered: Spring semester.

PHYSICS 211. (3) *Beard*
COMPUTER-BASED PHYSICS. A topical study of physical systems
amenable to treatment by techniques employing the digital computer.
Particular attention is paid to trajectories, orbits, vibrating systems, and
fluids, as well as several systems requiring application of Fourier
synthesis. The major emphasis is upon the writing and running of
programs, and the analysis of results. Three recitations per week;
individual work substituted as required. Prerequisite: Computer Science
221. Offered: On demand.

PHYSICS 215-216. (2-2)

Joyner

PRINCIPLES OF ELECTRONIC INSTRUMENTATION. A study of the basic principles of operation of electronic instruments. Particular attention is devoted to medical applications where appropriate. Prerequisite: None. Corequisite: Physics 261-262. Offered: Spring semester.

PHYSICS 213. (3)

Joyner

RADIATION PHYSICS. A study of nuclear physics, radioactivity, tracer techniques, medical and biological effects of radiation, and radiation instrumentation. Two lectures and one morning lab. Prerequisite: None. Offered: On demand.

PHYSICS 261-262. (1-1)

Joyner

BASIC ELECTRONICS LABORATORY. Accompaniment for Physics 215-216. Prerequisite: None. Corequisite: Physics 215-216. Offered: Spring semester.

PHYSICS 301-302. (3-3)

Mayo

QUANTUM MECHANICS. The physical foundations for the quantum theory are studied. Schrodinger's equation is introduced and used to analyze elementary aspects of the atomic nucleus and the solid state. Prerequisite: Mathematics 201-202; Physics 201-202. Offered: 301 in the Fall semester of odd years; 302 in the Spring semester of even years.

PHYSICS 303. (3)

Kiess

THERMODYNAMICS AND STATISTICAL PHYSICS. An introduction to kinetic theory and thermodynamics, with a brief survey of statistical mechanics. Prerequisite: None. Offered: Fall semester.

PHYSICS 304. (3)

Kiess

WAVE PROPERTIES AND OPTICS. Geometrical and physical optics. Prerequisite: None. Offered: Spring semester.

PHYSICS 311. (3)

Beard

INTRODUCTION TO BIOPHYSICS. A study of physical, energetic, and statistical relations in cellular processes, enzyme kinetics, action spectra and photosynthesis, molecular structures, the electrical behavior of nerve and muscle, and the absorption of electromagnetic and ultrasonic energy. Three recitations per week. Prerequisite: None. Offered: On demand.

PHYSICS 312. (3)

Beard

INTRODUCTION TO CRYSTALLOGRAPHY. Topics include single crystal growth, mounting, and orientation, space group determination, analysis of Laue, powder, Weissenberg, and precession patterns, and techniques used in structure determination by x-ray diffraction. Three recitations per week; individual work substituted as required. Prerequisite: None. Offered: On demand.

PHYSICS 351-352. (2-2)

Staff

ADVANCED LABORATORY. A laboratory course designed to acquaint the student with the instruments used in basic physical measurements and with the design of experiments. Prerequisite: None. Offered: 351 in the Fall semester; 352 in the Spring semester.

PHYSICS 401-402. (3-3)

Mayo

THEORETICAL PHYSICS. Selected topics investigated in depth using sophisticated mathematical techniques; mostly advanced mechanics and electromagnetic field theory. Prerequisite: Physics 201-202; Mathematics 201-202. Offered: 401 in the Fall semester of even years; 402 in the Spring semester of odd years.

PHYSICS 403. (3)

Staff

SOLID STATE. An introduction to the theory of the solid. Prerequisite: None. Offered: On demand.

PHYSICS 404. (3)

Kriss

NUCLEAR PHYSICS. A theoretical study of nuclear models, reactions, and radiation. Utilizes quantum concepts. Prerequisite: None. Offered: On demand.

PHYSICS 451. (3)

Staff

RESEARCH PARTICIPATION. A continuation of Physics 352. Prerequisite: None. Offered: Each semester.

PHYSICS 485. (1, 2, or 3 hours)

Staff

SPECIAL TOPICS. The study of one or more areas of physics not previously covered. Topics selected according to interests of students and staff. Prerequisite: None. Offered: On request.

PHYSICS 495. (1, 2, or 3 hours)

Staff

INDEPENDENT STUDY. The study of one or more areas of physics not previously covered. Students must exhibit a high capability for independent study in order to qualify for admission to the course. Prerequisite: None. Offered: On request.

PSYCHOLOGY PROFESSORS ORTNER, SIMES; ASSOCIATE PROFESSOR DEWOLFE; ASSISTANT PROFESSOR HUGHES

A total of thirteen courses in Psychology is required for a major. These courses must include Human Behavior, Quantitative Methods, Experimental Psychology, History and Systems, and at least six additional courses at the 300 level. (Students may substitute a statistics course taught by the Mathematics department for Quantitative Methods.)

Majors seeking admission to graduate study in Psychology are encouraged to take more than the required number of courses in Psychology and to choose their electives from Biology, Sociology, or Computer Science.

PSYCHOLOGY 201. (3)

Staff

INTRODUCTION TO HUMAN BEHAVIOR. This course focuses upon those aspects of human behavior which the well-educated citizen might find most directly relevant. Topics include the development, description, and measurement of the normal and abnormal human being, his functioning individually and in groups, and methods of modifying his behavior and attitudes. Prerequisite: None. Offered: Each semester.

PSYCHOLOGY 202. (3)

Hughes

QUANTITATIVE METHODS. An introduction to statistics employed in the social sciences. Both descriptive and inferential techniques are discussed, including nonparametric tests of significance and simple correlation. Two lectures and one laboratory per week. Corequisite: Psychology 251. Prerequisite: Psychology 201. Offered: Spring semester.

PSYCHOLOGY 251. (1)

Hughes

LABORATORY TO ACCOMPANY PSYCHOLOGY 202. Prerequisite: Psychology 201. Corequisite: Psychology 202. Offered: Spring semester.

PSYCHOLOGY 301. (4)

Hughes

EXPERIMENTAL PSYCHOLOGY. The experimental method and its application to such psychological processes as sensation, perception, motivation, and learning. Emphasis will be given to theory formulation, experimental design, and research techniques. Corequisite: Psychology 351. Prerequisite: Psychology 201. Offered: Fall semester.

PSYCHOLOGY 302. (3)

DeWolfe

PSYCHOLOGICAL TESTS AND MEASUREMENTS. An overview of the technical problems involved in the construction and evaluation of measuring instruments, and a detailed examination of the more significant tests of ability and personality. Prerequisites: Psychology 201 and 202. Offered: Spring semester.

PSYCHOLOGY 304. (3)

DeWolfe

PSYCHOLOGY OF PERSONALITY. Theoretical approaches and research relevant to the study of personality. Psychoanalytic, trait, field, self, learning, and existential approaches will be compared and evaluated. Prerequisite: Psychology 201. Offered: Fall semester.

PSYCHOLOGY 306. (3)

DeWolfe

SOCIAL PSYCHOLOGY. The analysis of social motivation, attitude formation and change, group structure and processes, social conflict,

and the psychological impact of the environment. Prerequisite: Psychology 201. Offered: Spring semester.

PSYCHOLOGY 308. (3)

Hughes

PHYSIOLOGICAL PSYCHOLOGY. Survey of physiological aspects of behavior with special emphasis on the central nervous system. Also appropriate for Biology or pre-medical majors with the consent of their department chairman. Prerequisites: Biology 103, Psychology 201. Offered: Fall semester.

PSYCHOLOGY 309. (3)

Ortner

ABNORMAL PSYCHOLOGY. Description of abnormal behavior; introduction to psychopathology. Prerequisites: Psychology 201 and 308. Offered: Spring semester.

PSYCHOLOGY 310. (3)

Simes

PERSONNEL AND INDUSTRIAL PSYCHOLOGY. Application of psychological principles to problems in business and industry; personnel selection. Prerequisite: Psychology 201. Offered: Fall semester.

PSYCHOLOGY 311. (3)

Simes

MANAGERIAL PSYCHOLOGY. Concepts of human behavior that are relevant to managerial problems; organizational theory. Prerequisites: Psychology 201, 310, or consent of instructor. Offered: Spring semester.

PSYCHOLOGY 312. (3)

Hughes

PSYCHOLOGY OF LEARNING. A study of different theories of learning with special emphasis upon experimental findings and application of learning theories to practical problems in human learning. Prerequisite: Psychology 201. Offered: Spring semester.

PSYCHOLOGY 314. (3)

Ortner

DEVELOPMENTAL PSYCHOLOGY. Normal human development throughout life with especial emphasis on childhood and adolescence. Prerequisite: Psychology 201. Offered: Fall semester.

PSYCHOLOGY 351. (1)

Hughes

LABORATORY TO ACCOMPANY PSYCHOLOGY 301. Prerequisite: Psychology 201. Corequisite: Psychology 301. Offered: Fall Term.

PSYCHOLOGY 403. (3)

DeWolfe

HISTORY AND SYSTEMS OF PSYCHOLOGY. Structuralism, functionalism, behaviorism, Gestalt psychology, psychoanalysis, and other schools of psychology. Prerequisites: Psychology 201 and six courses at the 300 level. Psychology 304 and 312 are especially recommended. Offered: Fall semester.

PSYCHOLOGY 405. (3)

Simes

INTRODUCTION TO COUNSELING. A survey of methods and techniques of counseling; counseling theories. Prerequisites: Psychology 309 and consent of instructor. Offered: Spring semester.

PSYCHOLOGY 409. (4)

Simes

INTRODUCTION TO CLINICAL PSYCHOLOGY. A study of clinical methods, treatment approaches, and problems; the clinician and research. Three lectures and one laboratory per week. Prerequisite: Psychology 309. Offered: Fall semester.

PSYCHOLOGY 410. (3-6)

Staff

PRACTICUM IN PSYCHOLOGY. Students work in a state hospital, agency, or other facility, administering individual tests where applicable, counseling, interviewing, writing reports, and where appropriate carrying a light client load under supervision. Prerequisites: Psychology 201, 202, completion of the junior sequence, and Psychology 405 and 409. Offered: Each semester.

PSYCHOLOGY 485. (1-3)

Staff

SPECIAL TOPICS IN PSYCHOLOGY. From time to time, seminars will be offered covering a variety of topics such as perception, sensation, motivation, human learning, cognitive processes, culture and personality, psychology in literature, psychology in religion, individual testing, and great psychologists. Open to junior and senior psychology majors. Prerequisites: Psychology 201 and completion of the junior sequence. Offered: Each semester.

PSYCHOLOGY 495. (1-3)

Staff

INDEPENDENT STUDY OF PSYCHOLOGY: SENIOR RESEARCH. Research may be a laboratory project or may be a thesis based mainly on library research. Credit will be determined in advance by the quality and quantity of the work attempted. Prerequisites: Completion of the 200- and 300-sequences, senior standing in Psychology, and consent of instructor. Offered: Each semester.

SOCIOLOGY 201. (3)

Ortner

INTRODUCTORY SOCIOLOGY. Methods and objectives of sociological research, varying patterns of social organization, and the study of society and culture as related to individual and group behavior. Prerequisite: None. Offered: Each semester.

SOCIOLOGY 302. (3)

Ortner

SOCIOLOGY OF DEVIANCE. The deviance approach to the problems of contemporary society. Prerequisite: Sociology 201. Offered: Each semester.

SOCIOLOGY 303. (3)

Ortner

SOCIAL STRATIFICATION. The basic theories of social stratification are discussed with emphasis on the origin of stratification systems and on the consequences of stratification, especially the distribution and exercise of power and privilege in American society. Prerequisite: Sociology 201. Offered: Fall semester.

WESTERN MAN ASSOCIATE PROFESSORS BRINKLEY, IVERSON, LAINE, MARTIN, NORMENT, ROGERS, SIMMS, TUCKER*; ASSISTANT PROFESSOR MCCLINTOCK

The Western Man program consists of courses which bridge traditional departmental divisions and which deal with issues and with areas of knowledge of general human concern. The staff is composed of members of various Humanities and Social Sciences departments.

WESTERN MAN 101-102. (3-3)

Staff

Western Man 101-102 is an introductory humanities course in which major thinkers and issues of the Western cultural heritage are studied. It deals with the civilization of ancient Greece and Rome, the Biblical tradition, the European Middle Ages, and the age of the Renaissance and the Protestant Reformation. Attention is given to history, philosophy, religion, literature, the arts, and political and economic thought. Classwork consists of lecture sessions, in which all participants meet together, and discussion sections, for which small groups meet with faculty leaders. (History 101-102 is a natural sequel to this course.) Prerequisite: None. Offered: 101 in the Fall semester; 102 in the Spring semester.

WESTERN MAN 380. (3)

Laine

THE INFLUENCE OF NATIONALISM IN EUROPEAN MUSIC OF THE NINETEENTH CENTURY. Through the examination of the life and works of such composers as Verdi, Wagner, Tschaikovsky, and Smetana, it is possible to study the influence of the idea of nationalism on significant composers, and, consequently, the impact of their music on the nationalistic and revolutionary movements within their respective countries and throughout Europe. This course may be counted either as History or as Western Man in connection with satisfying the distribution requirement for the degree. Prerequisite: None. Offered: Spring short term.

Matters of Record

PRESIDENTS OF THE COLLEGE

SAMUEL STANHOPE SMITH, D.D., LL.D.	1775-1779
JOHN BLAIR SMITH, D.D.	1779-1789
DRURY LACY, D.D. (<i>Vice President and Acting President</i>)	1789-1797
ARCHIBALD ALEXANDER, D.D., LL.D.	1797-1806
WILLIAM S. REID, D.D. (<i>Vice President and Acting President</i>)	1807
MOSES HOGE, D.D.	1807-1820
MESSRS. M. LYLE, JAS. MORTON, WM. BERKELEY, JOHN MILLER, J. P. WILSON (<i>Committee of Board</i>)	Sept., 1820-Sept., 1821
JONATHAN P. CUSHING, A.M.	1821-1835
GEORGE A. BAXTER, D.D. (<i>Acting President</i>)	1835
DANIEL LYNN CARROLL, D.D.	1835-1838
WILLIAM MAXWELL, LL.D.	1838-1844
PATRICK J. SPARROW, D.D.	1845-1847
S. B. WILSON, D.D., and F. S. SAMPSON, D.D. (<i>Acting Presidents</i>) Nov., 1847-July, 1848	
CHARLES MARTIN, A.B. (<i>Acting President</i>) July 1848-Jan., 1849, and Sept. 1856-June, 1857	
LEWIS W. GREEN, D.D.	1848-1856
REV. ALBERT L. HOLLADAY (<i>Died before taking office</i>)	1856
JOHN M. P. ATKINSON, D.D.	1857-1883
RICHARD McILWAINE, D.D., LL.D.	1883-1904
JAMES R. THORNTON, A.M. (<i>Acting President</i>)	June-Sept., 1904
WILLIAM H. WHITING, JR., A.M., LL.D. (<i>Acting President</i>) 1904-1905 and 1908-1909	
J. H. C. BAGBY, Ph.D. (<i>Acting President</i>)	June 14-Aug. 23, 1905
JAMES GRAY McALLISTER, D.D., LL.D., D.Litt.	1905-1908
HENRY TUCKER GRAHAM, D.D., LL.D.	1908-1917
ASHTON W. McWHORTER, A.M., Ph.D. (<i>Acting President</i>) Oct. 1, 1917-June 30, 1919	
JOSEPH DuPUY EGGLESTON, A.M., LL.D.	1919-1939
EDGAR GRAHAM GAMMON, D.D., LL.D.	1939-1955
JOSEPH CLARKE ROBERT, A.B., A.M., Ph.D., Litt.D., LL.D.	1955-1960
THOMAS EDWARD GILMER, B.S., M.S. Ph.D., D.Sc.	1960-1963
WALTER TAYLOR REVELEY, B.A., B.D., Ph.D. LL.D.	1963-

**BOARD
OF TRUSTEES**

Class of 1976

BERNARD E. BAIN, D.D.	Lynchburg, Virginia
T. KYLE BALDWIN	Farmville, Virginia
PETER A. LEGGETT	Lynchburg, Virginia
GEORGE E. TAYLOR	Richmond, Virginia
FRANCIS R. WHITEHOUSE, M.D.	Lynchburg, Virginia

Class of 1977

FRED W. BECK, JR.	Petersburg, Virginia
I. NORRIS BLAKE	Richmond, Virginia
RAYMOND B. BOTTOM, JR.	Hampton, Virginia
RICHARD B. BRIDGFORTH, JR.	Danville, Virginia
J. B. FUQUA, LL.D.	Atlanta, Georgia
WILLIAM H. LEACHMAN	Washington, D. C.
W. SYDNOR SETTLE	New York, New York

Class of 1978

JOHN A. FIELD, JR., LL.D.	Charleston, West Virginia
WILLIAM C. FINCH, Ph.D.	Nashville, Tennessee
HERBERT W. JACKSON, III	Richmond, Virginia
E. THEODORICK MABEN	Richmond, Virginia
MRS. WILLIAM T. REED, JR.	Manakin-Sabot, Virginia
JAMES L. TRINKLE	Roanoke, Virginia
RICHARD M. VENABLE, JR.	Charleston, West Virginia

Class of 1979

ROYAL E. CABELL, JR.	Richmond, Virginia
S. DOUGLAS FLEET, Chairman	Richmond, Virginia
ALBERT R. GILLESPIE, M.D.	Staunton, Virginia
C. RANDOLPH HUDGINS, JR.	Norfolk, Virginia
ROBERT W. LAWSON, JR.	Charleston, West Virginia
ALTON W. WHITEHOUSE, JR.	Cleveland, Ohio
HENRY A. WISEMAN, III, M.D.	Danville, Virginia

Class of 1980

WILLIAM A. BENFIELD, JR., Th.D.	Charleston, West Virginia
LEWIS G. CHEWNING, LL. D.	Richmond, Virginia
CHARLES J. GEYER, JR., Ph.D.	Berwyn, Pennsylvania
RICHARD A. MICHAUX, M.D.	Richmond, Virginia
WILLIAM M. PASSANO, JR.	Baltimore, Maryland
BENJAMIN A. SOYARS	Richmond, Virginia
DONALD A. TOLLEFSON	Washington, D.C.

ADMINISTRATIVE OFFICERS

COLLEGE ADMINISTRATION

- WALTER TAYLOR REVELEY, B.A., B.D., Ph.D., LL.D. *President
of the College*
- LEWIS H. DREW, B.A., M.A.T., Ed.D., *Vice President for Administration
and Student Affairs*
- RONALD G. LAWHORNE, B.S. *Vice President for Financial Affairs
and Treasurer*
- THOMAS T. MAYO, IV, B.S., M.S., Ph.D. *Acting Vice President for
Academic Affairs*
- DAVID E. TORK, B.S. *Vice President for College Affairs*
- JOSEPH T. TROTTER, B.S. *Assistant to the President*
- JOHN H. WATERS, III, B.A. *Director of Admissions*

ADMINISTRATIVE STAFF

- JAMES O. BECKNER, II, B.A., M.A.Ed. *Assistant Director of Counseling
and Career Planning — Assistant in Admissions*
- J. MARK BURRIS, B.A. *Director of News and Information*
- THOMAS O. BONDURANT, B.S. *Assistant Business Manager and Treasurer*
- B. LOUIS BRIEL, JR., B.A., M.A. *Director of Individual Resources*
- MERRILL A. ESPIGH, B.S., M.A., Ph.D. *Registrar*
- ROYSTER C. HEDGEPEETH, B.A., M.Ed., Ph.D. *Director of Counseling
and Career Planning*
- EUGENE W. HICKOK, JR., B.A. *Director of Special Resources*
- S. WARREN KERNODLE *Superintendent of Buildings and Grounds*
- SANDRA B. KEYS, A.B., M.A.T. *Director of Communications*
- THOMAS H. SHOMO, B.A., M.A.Ed. *Director of Financial Aid and
Associate in Admissions*

WALTER TAYLOR REVELEY, B.A., B.D., Ph.D., LL.D.
President

(1963) **FACULTY**

B.A., Hampden-Sydney College, 1939; B.D., Union Theological Seminary,
1942; Ph.D., Duke University, 1953; LL.D., Southwestern at Memphis,
1966.

EMMET ROACH ELLIOTT, B.S., M.A., Ph.D.
Professor Emeritus of Mathematics

(1934,1964)

NOTE: The first date in parentheses indicates the year in which the faculty
member began faculty service at the college. The second date indicates
the year of appointment to the present rank.

- WILLIAM COLLAR HOLBROOK, A.B., B.A., M.A., Ph.D. (1960,1970)
Professor Emeritus of Romance Languages
- THOMAS EDWARD GILMER, B.S., M.S., Ph.D., D.Sc. (1927, 1971)
Professor Emeritus of Physics
- ALBERT LOUIS LEDUC, A.B., M.A., Ph.D. (1962,1972)
Professor Emeritus of Modern Languages
- ELMO BERNARD FIRENZE, B.A., M.A. (1946,1974)
Professor Emeritus of German and French
- DUDLEY BYRD SELDEN, B.S., M.S. (1961,1974)
Associate Professor Emeritus of Mathematics
- CHARLES FERGUSON McRAE, B.A., B.D., Th.M., Th.D. (1942,1975)
Professor Emeritus of Bible
- GRAVES HAYDON THOMPSON, B.A., A.M., Ph.D. (1939)
Blair Professor of Latin and Clerk of the Faculty
 B.A., Hampden-Sydney College, 1927; A.M., Harvard University, 1928;
 Ph.D., Harvard University, 1931.
- PAUL LIVINGSTON GRIER, B.A., B.A.L.S., M.A.L.S. (1940)
Librarian
 B.A., Erskine College, 1936; B.A. in L.S., University of North Carolina,
 1938; M.A. in L.S., University of Michigan, 1947.
- WILLARD FRANCIS BLISS, B.A., Ph.D. (1957,1963)
Squires Professor of History
 B.A., Tufts College, 1939; Ph.D., Princeton University, 1946.
- WEYLAND THOMAS JOYNER, B.S., M.A., Ph.D. (1957,1963)
Professor of Physics
 B.A., Hampden-Sydney College, 1951, M.A., Duke University, 1952;
 Ph.D., Duke University, 1955.
- JOSEPH WILLARD WHITTED, B.S., M.A., Ph.D. (1949,1964)
Professor of Spanish
 B.S., Davidson College, 1933; M.A., University of North Carolina, 1941;
 Ph.D., University of North Carolina, 1963.
- JOSEPH BURNER CLOWER, B.A., B.D., Th.M., Th.D. (1954,1964)
Professor of Bible
 B.A., Washington and Lee University, 1928; B.D., Union Theological
 Seminary, 1933; Th.M., Union Theological Seminary, 1934; Th.D., Union
 Theological Seminary, 1954.

- 1970) THOMAS EDWARD CRAWLEY, B.A., M.A., Ph.D. (1946,1965)
Hurt Professor of English
 B.A., Hampden-Sydney College, 1941; M.A., University of North Carolina,
 1953; Ph.D., University of North Carolina, 1965.
- 1972) HASSELL ALGERNON SIMPSON, B.S., M.A., Ph.D. (1962,1965)
Professor of English
 B.S., Clemson University, 1952; M.A., Florida State University, 1957;
 Ph.D., Florida State University, 1962.
- 1974) DONALD RICHARD ORTNER, B.A., B.M., C.R.M., M.A., Ph.D. (1961,1967)
Professor of Psychology and College Psychologist
 B.A., Northwestern College, 1944; B.M., Illinois Wesleyan University,
 1946; C.R.M., Wisconsin Lutheran Seminary, 1947; M.A., Eastern
 Michigan Univeristy, 1957; Ph.D., Michigan State University, 1964.
- 1975) THOMAS TABB MAYO, IV, B.S., M.S., Ph.D. (1962,1967)
Professor of Physics
 B.S., Virginia Military Institute, 1954; M.S., University of Virginia, 1957;
 Ph.D., University of Virginia, 1960.
- 1928; HOMER ALVIN SMITH, JR., B.A., Ph.D. (1964,1967)
Professor of Chemistry
 B.A., Rice University, 1953; Ph.D., Oklahoma State University, 1961.
- olina, FRANK JAMES SIMES, A.B., M.A., D.Ed. (1967)
Professor of Psychology
 A.B., University of Michigan, 1938; M.A., State University of New York,
 1948; D.Ed., Pennsylvania State University, 1951.
- 1963) WILLIAM WENDELL PORTERFIELD, B.S., M.S., Ph.D. (1964,1968)
Professor of Chemistry
 B.S., University of North Carolina, 1957; M.S., California Institute of
 Technology, 1960; Ph.D., University of North Carolina, 1962.
- 1952; DAVID C. HOLLY, B.S., M.A., Ph.D. (1967,1969)
Professor of Government and Foreign Affairs
 B.S., Johns Hopkins University, 1938; M.A., University of Maryland, 1939;
 Ph.D., American University, 1964.
- 1964) ROBERT THRUSTON HUBARD, JR., B.A., J.D. (1946,1973)
Professor of Government and Foreign Affairs
 B.A., Hampden-Sydney College, 1935; J.D., University of Virginia, 1942.
- 1941; TULLEY HUBERT TURNEY, JR., A.B., Ph.D. (1965,1973)
Professor of Biology
 A.B., Oberlin College, 1958; Ph.D., University of North Carolina, 1963.

- EDWARD M. KIESS, B.S., M.S., Ph.D. (1968,1969)
Associate Professor of Physics
 B.S., Massachusetts Institute of Technology, 1955; M.S., Pennsylvania State University, 1962; Ph.D., Pennsylvania State University, 1965.
- JOHN R. BUTCHER, B.S., Ph.D. (1968,1970)
Associate Professor of Chemistry
 B.S., Georgia Tech, 1962; Ph.D., Georgia Tech, 1965.
- WILLIAM ROBERT HENDLEY, B.A., Ph.D. (1970)
Associate Professor of Economics
 B.A., Yale University, 1956; Ph.D., Duke University, 1966.
- EDWARD ALEXANDER CRAWFORD, B.S., M.A. (1963,1971)
Associate Professor of Biology
 B.S., University of South Carolina, 1948; M.A., University of Virginia, 1956.
- OWEN LENNON NORMENT, JR., A.B., B.D., Th.M., Ph.D. (1966,1971)
Associate Professor of Bible and Religion
 A.B., University of North Carolina, 1955; B.D., Union Theological Seminary, 1958; Th.M., Union Theological Seminary, 1959; Ph.D., Duke University, 1968.
- STANLEY ROBERT GEMBORYS, A. B., Ph.D. (1967,1973)
Associate Professor of Biology
 A.B., Dartmouth College, 1964; Ph.D., Auburn University, 1967.
- ALBERT EARL ELMORE, B.A., M.A., Ph.D.* (1969,1973)
Associate Professor of English
 B.A., Millsaps College, 1962; M.A., Vanderbilt University, 1966; Ph.D., Vanderbilt University, 1968.
- THOMAS E. DeWOLFE, A.B., M.A., Ph.D. (1966,1974)
Associate Professor of Psychology
 A.B., Harvard University, 1954; M.A., Vanderbilt University, 1960; Ph.D., University of Houston, 1969.
- JOHN LUSTER BRINKLEY, B.A., B.A. (Oxon.), M.A., M.A. (Oxon.) (1967,1974)
Associate Professor of Classical Studies
 B.A., Hampden-Sydney College, 1959; B.A., University of Oxford, 1962; M.A., Princeton University, 1965; M.A., University of Oxford, 1966.
- AMOS LEE LAINE, B.A., M.A., Ph.D. (1968,1974)
Associate Professor of History
 B.A., Randolph-Macon College, 1962; M.A., Duke University, 1965; Ph.D., Duke University, 1972.

- RONALD LYNTON HEINEMANN, B.A., M.A., Ph.D.* (1968,1974)
Associate Professor of History
 B.A., Dartmouth College, 1961; M.A., University of Virginia, 1967; Ph.D., University of Virginia, 1968.
- HERBERT J. SIPE, B.A., Ph.D. (1968,1974)
Associate Professor of Chemistry
 B.A., Juniata College, 1962; Ph.D., University of Wisconsin, 1969.
- LAWRENCE HENRY MARTIN, JR., B.A., M.A., Ph.D. (1969, 1974)
Associate Professor of English
 B.A., Tufts University, 1964; M.A., University of Massachusetts, 1966; Ph.D., University of Massachusetts, 1969.
- HERBERT BANCROFT SKERRY, A.B., M.S., Ph.D. (1974)
Associate Professor of Mathematics
 A.B., Harvard University, 1954; M.S., University of Wisconsin (Madison), 1958; Ph.D., Michigan State University, 1967.
- MERRILL ALVIN ESPIGH, B.S., M.A., Ph.D. (1962,1974)
Associate Professor of Mathematics
 B.S., Shippensburg State College, 1958; M.A., Louisiana State University, 1962; Ph.D., Florida State University, 1973.
- VINCENT ALBERT IVERSON, B.A., S.T.B., M.A., Ph.D. (1967,1974)
Associate Professor of Philosophy
 B.A., University of Minnesota, 1959; S.T.B., Harvard Divinity School, 1962; M.A., Yale University, 1964; Ph.D., Yale University, 1968.
- WILLIAM A. SHEAR, A.B., M.A., Ph.D. (1974)
Associate Professor of Biology
 A.B., College of Wooster, 1963; M.A., University of New Mexico, 1965; Ph.D., Harvard University, 1971.
- ROBERT G. ROGERS, B.S., S.T.B., Ph.D. (1975)
Associate Professor of Bible and Religion
 B.S., Ohio State University, 1960; S.T.B., Boston University School of Theology, 1963; Ph.D., Boston University, 1969.
- JAMES YOUNG SIMMS, JR., A.B., M.A., Ph.D. (1968,1975)
Associate Professor of History
 B.A., University of Maryland, 1958; M.A., University of Maryland, 1965; Ph.D., University of Michigan, 1976.
- ALAN FARRELL, A.B., M.A., Ph.D. (1973)
Assistant Professor of French and German
 A.B., Trinity College, 1966; M.A., Tufts University, 1967; M.A., Tufts University, 1972; Ph.D., Tufts University, 1972.

- BRIAN E. SCHRAG, B.A., M.A., Ph.D. (1973)
Assistant Professor of Philosophy
 B.A., Bethel College, 1964; M.A., University of Iowa, 1971; Ph.D., Vanderbilt University, 1975.
- FRANCIS J. SPRENG, B.S., M.B.A., M.A., Ph.D. (1974)
Assistant Professor of Economics and Management
 B.S., Duquesne University, 1965; M.B.A., Duquesne University, 1967; M.A., University of Pittsburgh, 1972; Ph.D., University of Pittsburgh, 1976.
- JACK PALMER SANDERS, B.A., Ph.D. (1974)
Assistant Professor of Mathematics
 B.A., University of the South, 1965; Ph.D., University of Virginia, 1970.
- ANNE CASTEEN LUND, B.S., M.S., Ph.D. (1974)
Assistant Professor of Biology
 B.S., Longwood College, 1967; M.S., Emory University, 1968; Ph.D., Emory University, 1974.
- JOSEPH E. GOLDBERG, B.A., Ph.D. (1975)
Assistant Professor of Government and Foreign Affairs
 B.A., State University of Iowa, 1962; Ph.D., University of Washington, 1973.
- RICHARD CLARE McCLINTOCK, B.A., M.A., Ph.D. (1975)
Assistant Professor of Classical Studies
 B.A., University of Virginia, 1966; M.A., University of Virginia, 1967; M.A., Yale University, 1971; Ph.D., University of North Carolina, Chapel Hill, 1975.
- WILLIAM GLENN ROBERTSON, B.A., M.A., Ph.D. (1975)
Assistant Professor of History
 B.A., University of Richmond, 1966; M.A., University of Virginia, 1968; Ph.D., University of Virginia, 1975.
- BEVERLY CALVIN BASS, B.A., M.A. (1960)
Instructor in Chemistry and Physics
 B.A., Maryville College, 1931; M.A., University of Tennessee, 1939.
- THOMAS J. O'GRADY, B.A., M.A. (1974)
Instructor in English
 B.A., University of Baltimore, 1966; M.A., Johns Hopkins University, 1967.
- VICTOR GEORGE KRISS, A.S., B.S., M.S. (1975)
Instructor in Physics
 A.S., Jackson Community College, 1969; B.S., Eastern Michigan University, 1971; M.S., Michigan State University, 1975.
- CARL STERN, A.B., M.B.A., Ph.D. (1971)
Lecturer in Economics
 A.B., Colby College, 1943; M.B.A., University of Pennsylvania, 1974; Ph.D., University of Pennsylvania, 1954.

- 73) R. EDWARD CHATTERTON (1976)
Lecturer in Economics
 B.A., Southwest Missouri State College, 1968; M.A., Central Missouri State University, 1973.
- 74) LEON NEELY BEARD, JR., B.A., Ph.D. (1968,1975)
Associate Professor of Physics
 A.B., Vanderbilt University, 1957; Ph.D., Vanderbilt University, 1967.
- 74) JORGE ANTONIO SILVEIRA, B.A., LL.D., M.A., Ph.D. (1970,1975)
Associate Professor of Spanish
 B.A., Instituto Santiago, Santiago de Cuba, 1949; Doctor en Derecho, Universidad de La Habana, Havana, Cuba, 1955; M.A., University of North Carolina at Chapel Hill, 1969; Ph.D., University of North Carolina at Chapel Hill, 1974.
- RAY ALLEN GASKINS, B.S., Ph.D. (1970,1975)
Associate Professor of Mathematics
 B.S., Virginia Polytechnic Institute, 1964; Ph.D., Virginia Polytechnic Institute, 1971.
- GEORGE EDWARD CRADDOCK, JR., A.B., M.A., M.L.S., Ph.D. (1973)
Reference Librarian
 A.B., University of North Carolina at Chapel Hill, 1960; M.A., Louisiana State University, 1962; Ph.D., Louisiana State University, 1966; M.L.S., University of North Carolina at Chapel Hill, 1973.
- GUSTAV HENRY FRANKE, B.S., M.A.T. (1965,1968)
Assistant Professor of Mathematics
 B.S., Auburn University, 1938; B.S., Auburn University, 1939; M.A.T., Duke University, 1965.
- KEITH WILLIAM FITCH, B.S., M.A., Ph.D. (1972)
Assistant Professor of History
 B.S., Purdue University, 1960; M.A., Purdue University, 1968; Ph.D., Purdue University, 1972.
- GEORGE FRANKLIN BAGBY, JR., B.A., M.A., Ph.D. (1972)
Assistant Professor of English
 B.A., Haverford College, 1965; M.A., Yale University, 1968; Ph.D., Yale University, 1975.
- CHARLES WAYNE TUCKER, B.A., M.A., Ph.D.* (1972)
Assistant Professor of Classics
 B.A., Randolph-Macon College, 1960; M.A., University of Virginia, 1966; Ph.D., University of Virginia, 1972.
- WILLIAM G. HUGHES, A.B., M.A., Ph.D. (1973)
Assistant Professor of Psychology
 A.B., College of William and Mary, 1968; M.A., College of William and Mary, 1970; Ph.D., The Pennsylvania State University, 1973.

PAUL A. JAGASICH, B.A., B.S., M.A., Ph.D. (1973)

Assistant Professor of Modern Languages

B.A., Apaczai Pedag. College, Budapest, Hungary, 1955; B.S., Eotvos Tud. Egyetem, Budapest, H., 1960; B.A., Eotvos Tud. Egyetem, Budapest, H., 1962. B.A., Eotvos Tud. Egyetem, Budapest, H., 1964; M.A., University of North Carolina, Chapel Hill, 1970; M.A., University of North Carolina, Chapel Hill, 1971; Ph.D., University of North Carolina, Chapel Hill, 1973.

MOSES A. MUSOKE, B.A., M.A., M.S., Ph.D. (1973)

Assistant Professor of Economics

B.A., University of East Africa, 1969; M.A., State University of New York, 1970; M.S., University of Wisconsin, 1972; Ph.D., University of Wisconsin, 1976.

JOHN BROOKS RICE, B.A., M.Div. (1974)

College Chaplain and Pastor of College Presbyterian Church

B.A., Johns Hopkins University, 1949; M.Div., Union Theological Seminary, 1952.

JAMES E. McCRAY, B.M.Ed., M.M., Ph.D. (1975)

Director of Glee Club

B.M.Ed., Illinois Wesleyan University, 1960; M.M., Southern Illinois University, 1961; Ph.D., University of Iowa, 1968.

*On leave 1975-1976

LIBRARY

PAUL LIVINGSTON GRIER, B.A., B.A.L.S., M.A.L.S. *Librarian*

GEORGE E. CRADDOCK, JR., A.B., M.A., M.L.S., Ph.D. .. *Reference Librarian*

MRS. ELEANOR GRIER, A.B., A.B.L.S. *Assistant Catalogue Librarian*

JOHN A. McGEACHY, III, A.B., M.A. *Catalogue Librarian*

MARSHALL T. KEYS, A.B., M.A., Ph.D. ... *Reference and Periodicals Assistant*

PHYSICAL EDUCATION AND ATHLETICS

JOHN STOKLEY FULTON, B.S. (1957, 1960)

Director of Athletics, Football and Baseball Coach

B.S., Hampden-Sydney College, 1955.

RICHARD ALLAN BURRELL, B.A. (1960)

Professor of Physical Education

B.A., Hampden-Sydney College, 1938.

LOUIS ALEXANDER WACKER, JR., B.A., M.A. (1962)

Track and Wrestling Coach

B.A., University of Richmond, 1958; M.A., Longwood College, 1971.

BOBBY GENE SAYLOR, B.A., M.S. (1968)

Tennis Coach

B.S., Hampden-Sydney College, 1963; M.S., Longwood College, 1972.

DONALD P. THOMPSON, B.A., M.A. (1974)

Basketball Coach

B.A., Lynchburg College, 1961; M.A., Lynchburg College, 1968.

HOWARD MYERS, JR., B.S. (1975)

Lacrosse Coach

B.S., University of Virginia, 1932.

Appointed members from the faculty are designated by (A) after their names. **COLLEGE COUNCIL**
1975-1976

MEMBERS

FACULTY

Class of '76: Butcher, Hendley, W. Hughes, Porterfield (A), Skerry, Turney

Class of '77: Farrell, Iverson, Musoke, Norment (A), Schrag, Simms

STUDENTS

F. Bedinger, Kellam, Nerney, Rosen, Samuel, Springer

FACULTY COMMITTEES

1975-1976

The number in parentheses following each faculty member's name gives the year in which that person is to end his service on that committee.

An "A" in parentheses indicates that the person has been appointed to his position rather than being elected. An "(s)" indicates a student member.

ATHLETIC

Athletic Director, Vice President for Student Affairs, Espigh (76), Spreng (77), Brinkley (78), Butcher (79), A.W. Reid (s)

COMMUNICATION RESOURCES

Vice President for Academic Affairs, Librarian, Chairman of Board of Publications, Simpson (76), Beard (77), Spreng (78), G. Lumsden (s), J. Oldman (s)

CURRICULUM

Vice President for Academic Affairs, Division Chairmen, W. Hughes (76), Iverson (77), Shear (78), W. Hill (s), L. Levin (s), M. Sherrod (s)

EDUCATIONAL GOALS

Vice President for Academic Affairs, Joyner (76), Martin (77), Schrag (78), Fitch (79), S. Baril (s), F. Brown (s)

EXECUTIVE

Vice President for Academic Affairs (Chairman), Hendley (76), Martin (77), Skerry (78)

FACULTY

Clower, Espigh, Simes

FACULTY RESEARCH AND SABBATICALS

Vice President for Academic Affairs (Chairman), Jagasich (76), Musoke (76), Sipe (76), Schrag (77), Simes (77), Shear (77)

PREMEDICAL

A. Smith (A, 76), Crawford (A, 77), Simpson (A, 78), Kiess (A, 79), W. Hughes (A, 80)

SENIOR FELLOWSHIP

Ortner (A, 76), Gemborys (A, 77), Martin (A, 78), Sipe (A, 79)

STUDENTS

Director of Admissions, Registrar, Vice President for Student Affairs, Bagby (76), Fitch (76), Silveira (77), Laine (77), Porterfield (78), Farrell (78), D. Barbee (s), J. Camper (s), D. Paxton (s)

STUDY ABROAD

Laine (A, 76), Whitted (A, 77), Brinkley (A, 78), Farrell (A, 79)

COLLEGE COUNCIL COMMITTEES

GENERAL POLICY AND RESOURCES

Faculty: W. Hughes (A), Mayo (A), Simms (A), G. Thompson (A)

Students: Paxton, Samuel, Sherrod

Administrators: Vice Presidents for Administration, College Affairs, and Financial Affairs

COLLEGE ACTIVITIES

Faculty: Crawley (A), Fitch (A), Sanders (A)

Students: Harrington, Klein, Old, Reid, Sargeant

Administrators: Director of Communications, Chaplain, Vice President for Student Affairs

COMMUNITY RELATIONS

Faculty: Bagby (A), Norment (A)

Students: Dunn, Oldman

Administrators: Chaplain, Director of Communications

STUDENT AFFAIRS

Faculty: Brinkley (A), Sanders (A), Simpson (A), Hubard

Students: Baril, F. L. Brown, Dawson, Eason, Leftwich, P. T. Patterson, Redd, Rosen, M. D. Ward

Administrators: Vice President for Student Affairs, Director of Admissions, Chaplain

SUMMER

Faculty: Farrell, Mayo

Students: Springer

Administrators: President (Chairman), Vice President for Administration

ACADEMIC ASSISTANTS AND SECRETARIES

MRS. ANNE S. BERRY	Secretary, Library
MS. PATRICIA F. CARSON	Secretary to the Science Department and Biology Laboratory Technician
HARRISON L. DELANCEY	Electronic and Machine Shop Technician
MRS. JEWEL D. FORE	Secretary, Library
MRS. JEAN P. HUDSON	Part-time Secretary to the Science Department
CHARLES V.-O. HUGHES	Physics Laboratory Technician
MRS. LINNIE N. KERNODLE	Secretary, Bagby Hall
MRS. FLORENCE P. SEAMSTER	Secretary, Library
REGINALD G. SMITH	Chemistry Stockroom Manager
MRS. D. MARIE THOMAS	Secretary, Morton Hall

ADMINISTRATIVE ASSISTANTS AND SECRETARIES

MISS A. LOUISE ALLEN	Secretary to the Director of Admissions
MISS NANCY R. ALLEN, B.S.	Communications Assistant
MRS. P. TULANE ATKINSON	Hostess, Parents and Friends Lounge
MRS. ERNA W. CLEMENTS	Cashier
MRS. DORIS M. COOK	Assistant Purchasing Agent
MRS. VIRGINIA W. DRUEN	Secretary to the President
MS. JUDITH M. FLOWERS	MT/ST Composer Operator
MRS. BARBARA C. FORE	Secretary to the Vice President for Student Affairs and Administration
MRS. MARY W. FRANKE, B.S.	Postmistress
MRS. MELODY F. GREEN	Secretary to the Director of Financial Aid
MRS. VIRGINIA W. JOHNSTON	Secretary to the Vice President for Academic Affairs
MISS JEAN W. MASSEY, A.S.	Assistant Postmistress
MS. JOYCE B. McGALL	Secretary to the Athletic Department
MRS. MYRNA J. MCKAY	Secretary to the College Chaplain
MS. RUTH D. MICOU	Secretary to the Vice President of College Affairs
MRS. SHIRLEY R. MORING	Secretary to the Director of Counseling and Career Planning
MISS SHIRLEY K. MOTTLEY	Receptionist/Switchboard Operator
MISS VIRGINIA G. REDD	Manager, Records and Research, Office of College Affairs
MRS. BARBARA S. REINHARDT	Posting Clerk
MRS. NANCY S. SAYLOR	Secretary to the Director of Communications
MRS. FLORENCE CLARK WATSON	Recorder
MRS. QUETA S. WATSON	Supervisor of Housekeeping
MRS. MERLE C. WELLS	Secretary to the Vice President for Financial Affairs and Treasurer
MRS. HOPE YOUNG	Assistant Postmistress

INFIRMARY

ALLAN B. ADAMS, M.D.	College Physician
MRS. ROBERTA A. CRAWLEY, R.N.	Nurse
MRS. CLARA A. WARD	Nurse

HONORARY DEGREES

Commencement, May 11, 1975

Doctor of Laws

ABNER CRUMP HOPKINS, JR.
JOHN PAGE WILLIAMS

Doctor of Divinity

WILLIAM RUPERT KLEIN

DEGREES AND OTHER HONORS

ACADEMIC DEGREES

1975 Graduates

BACHELOR OF ARTS

Sidney Berthier Allen, Jr.	Lynchburg, Virginia
Judson Cary Anderson	Midlothian, Virginia
William Gregory Baldwin	Charlottesville, Virginia
Leslie Arlington Ballard, Jr.	Richlands, Virginia
Andrew Joseph Banks, III	Virginia Beach, Virginia
Charles Thornton Baskerville	South Boston, Virginia
Samuel Quincy Bass, Jr.	Morehead City, North Carolina
Hunter Creech Bell	Chevy Chase, Maryland
Robin Paul Benke	Springfield, Virginia
Charles Armistead Blanton, III	Richmond, Virginia
David Lysle Bowles	Farmville, Virginia
James Peyton Bradner	Richmond, Virginia
Samuel Thomas Brown, III	Roanoke, Virginia
Lee Fowler Brooks	Roanoke, Virginia
Charles Wellington Burgess, Jr.	Hampton, Virginia
John Jefferson Butler, Jr.	Roanoke, Virginia
Thomas Alton Carnes	Leesburg, Virginia
Henry Warriner Chappell, Jr.	Williamsburg, Virginia
Gary Frederick Christie	Princeton, West Virginia
Charles Lucian Crockett, III	Roanoke, Virginia
Charles Donald Cullom	Richmond, Virginia
Robert Lawler Cumbia	Charlottesville, Virginia
James Andrew Donaldson	Danville, Virginia
Stephen Richard Echols	Roanoke, Virginia
Gene Howard Edmonds	Gloucester, Virginia
William Jefferson Elliott, IV	Wytheville, Virginia
Joseph Aubrey Farmer	Richmond, Virginia
Paul Andrew Finn	Charlottesville, Virginia
Mark Meredith Freestate	Centreville, Maryland
William Clarkson Garrett, Jr.	Bowlers Wharf, Virginia
Vinston Jerome Goldman	Cullen, Virginia
Robert Sydney Goldsmith, III	Roanoke, Virginia
Stuart Holmes Goodwin	Moncks Corner, South Carolina
Bolling Cousins Goodwyn, Jr.	Richmond, Virginia

Robert Bernard Grade McLean, Virginia
Gordon Scott Graham Richmond, Virginia
Stanford Wayne Granberry Berkeley Heights, New Jersey
Bernard Snavelly Groseclose, Jr. Welch, West Virginia
Charles Aud Habich, Jr. Wilmington, Delaware
Edwin Price Hall, Jr. Bon Air, Virginia
John Thomas Hardin Huntington, West Virginia
Hunt Harrington Harris Virginia Beach, Virginia
Charles Evant Hunter, III Roanoke, Virginia
William Allen Hunter, Jr. Appomattox, Virginia
Richard Peris Jeffrey, III Richmond, Virginia
James Douglas Jones Clarksville, Virginia
Clarence Edwin Keefer, III Lynchburg, Virginia
Warren Frederick Keeling South Hill, Virginia
William Cracraft Keightley Lewisburg, West Virginia
Jeffrey Louis Kiefer Baltimore, Maryland
John Wilson Lacy South Hill, Virginia
Dennis Robert Lawler Covington, Virginia
William Beynon Lawler Norfolk, Virginia
Daniel Scott Long Dalby's, Virginia
George Patterson Manson, Jr. Richmond, Virginia
William Burkhardt May, Jr. Richmond, Virginia
William Edgar McBratney, III Lynchburg, Virginia
Ashton Daniel Mitchell, III Powhatan, Virginia
Marion Holt Moran Wilmington, Delaware
Lawrence Russell Cruise Moter, Jr. Fredericksburg, Virginia
John Bruce Stevens Mullan Lynchburg, Virginia
Peter Clay Pearson Franklin, Virginia
John Francis Petersen, Jr. Frederick, Maryland
Samuel Worth Price, Jr. Oak Hill, West Virginia
Edmund Bragg Prichard Sewickley, Pennsylvania
John Scott Quackenboss Memphis, Tennessee
Richard Franklin Rein Highland Park, New Jersey
Robert Payne Richardson Spartanburg, South Carolina
Eugene Thomas Rilee, III Richmond, Virginia
Timothy Journee Robbins Onancock, Virginia
James Thomas Roberts Richmond, Virginia
John Lonsdale Roper, IV Norfolk, Virginia
Michael Alan Rowland Fork Union, Virginia
Stewart Henry Seigle Alexandria, Virginia
Thaddeus Rubel Shelly, III Newport News, Virginia
Robert Calvin Shields Charlottesville, Virginia
James Shirley Shropshire, Jr. Lexington, Kentucky
George Joseph Simons Richmond, Virginia
Benton Dane Skuda Alexandria, Virginia
Richard Hunter Snell, Jr. Brookneal, Virginia
Michael Dean Soapes Alexandria, Virginia
Frank Terrell Spruce, III Lynchburg, Virginia
Paul Mark Steube South Boston, Virginia
Richard Woodhull Terry Willis Wharf, Virginia
Nicky Russell Thomas Salem, Virginia
Robert Edward Tyler Lynchburg, Virginia
William Bidgood Wall, Jr. Farmville, Virginia
Henry Beckham Webb Farmville, Virginia
Jimmy Dale Webster Christiansburg, Virginia

Christopher Maxson West	Chevy Chase, Maryland
James Clifton Wheat, III	Richmond, Virginia
William Gordon Wheatley	Betterton, Maryland
Gregory Alan Willis	Abington, Pennsylvania
Henry Spiller Winston, IV	Richmond, Virginia
William Elliott Wood, Jr.	Norfolk, Virginia
Charles Frederick Woodson	Norfolk, Virginia

BACHELOR OF SCIENCE

Charles Chandler Ashby, Jr.	Dinwiddie, Virginia
Mark Joseph Bell	Ashland, Virginia
Robert Warren Carson	Lynchburg, Virginia
John Grayot Clark, Jr.	Richmond, Virginia
Mark Andrew DeWilde	Amherst, Virginia
Richard Williams Greene	Kittery, Maine
William Henry Harrison, IV	Virginia Beach, Virginia
Paul Douglas Harvey	Appomattox, Virginia
Lawrence Howard Hentz, Jr.	Baltimore, Maryland
Bruce Allen Holt	Brookneal, Virginia
Glenn Eldridge Jefferson, Jr.	Rustburg, Virginia
John Allen Jennette	Virginia Beach, Virginia
Jeffrey Charles Jones	Cedar Grove, New Jersey
Samuel Moseley Jones	Concord, Virginia
Marion Lofton Moore	Charlotte, North Carolina
John Simpson Moss	Fredericksburg, Virginia
Warren Guy Overstreet, III	Moneta, Virginia
John Power Pettis	Richmond, Virginia
George Piros	Woodbridge, Connecticut
Robert Davis Platt	Lynchburg, Virginia
Walter Carroll Plunkett	Charlottesville, Virginia
Donald Bertram Purkall	Richmond, Virginia
John Vernon Shaffer	Roanoke, Virginia
Armistead Barksdale Traynham, Jr.	South Boston, Virginia
James Balfour Tubbs, Jr.	Wilmington, North Carolina
Winston Allen Turner	LaGrange, Georgia
Howard Bertram Waters	Newport News, Virginia

PHI BETA KAPPA

Lynwood Poythress Baird '77	Russell Lee Handy '76
William Allison Blackman '76	Douglas Clifton Moore, Jr. '76
John Elliot Brush '76	William David Paxton '76
Mark Gunn Burnette '76	George Edgar Rice '76
William Wilson Samuel Butler '76	Robin Alan Saul '76
Thomas Elroy Dobyns '76	Oden Kenneth Semones, Jr. '77
Haywood Gordon France, Jr. '76	Martin Manker Sherrod '76
Roger Peter Glass '76	Richard Lee Trumbo '76
Hugh Johnston Hagan, III '76	Douglas Frederick Zier '77

OMICRON DELTA KAPPA

Stephen Earl Baril '77
Frank Cleveland Bedinger, III '76
Fred Lee Brown, Jr. '76
John Elliott Brush, Jr. '76
Jeffrey Mark Burris '76
Charles Thomas Ebel '76
Randall William Evans '77

Joseph Lawton King '77
John Granger Macfarlane, III '76
Robert David Parsons '77
William David Paxton '76
Angas William Reid '76
Robert Lee Samuel, Jr. '76
Martin Manker Sherrod '76
Richard Lee Trumbo '76

THE GAMMON CUP TROPHIES AND AWARDS PRESENTED AT GRADUATION

In memory of Dr. Edgar C. Gammon, pastor of College Church 1917-1923 and president of the College 1939-1955, a cup is awarded annually to the member of the graduating class who has best served the College. Character, scholarship, and athletic ability are considered.

THE ALGERNON SYDNEY SULLIVAN MEDALLIONS

In honor of its first president, Algernon Sydney Sullivan, the New York Southern Society presents annually the Algernon Sydney Sullivan Medallions. One recipient of this award is a member of the graduating class who has distinguished himself for excellence of character and generous service to his fellows. The other recipient is chosen from those friends of the College who have been conspicuously helpful to and associated with the Institution in its effort to encourage and preserve a high standard of morals.

ANNA CARRINGTON HARRISON AWARD

This award as a memorial to his mother is made through the generosity of Mr. Fred N. Harrison of Richmond, Va. The income from his gift furnishes annually a medal and \$50 in cash to that student who shows for the year the most constructive leadership.

CABELL AWARD

The Cabell Award was created by the Robert G. Cabell, III and Maude Morgan Cabell Foundation to assist the College in attracting and keeping professors of high ability and integrity. The Award is to be given to "a Hampden-Sydney faculty member in recognition of outstanding classroom contribution to the education of Christian young men." The recipients to date are:

Dr. T. Edward Crawley - Dr. Graves H. Thompson - 1969
 Dr. Charles McRae - 1970
 Dr. Willard F. Bliss - 1971
 Dr. Homer A. Smith, Jr. - 1972
 Mr. Elmo B. Firenze - 1973
 Mr. Edward A. Crawford - 1974
 Dr. Amos Lee Laine - 1975

MERIT SCHOLARS

BAKER SCHOLARS

Stephen Earl Baril
 Frank Cleveland Bedinger, III
 Benjamin Elliott Bondurant
 Wayne Leroy Booker
 Orran Lee Brown
 Thomas Mason Crowder
 Richard Earl Curtis, Jr.
 Gregory West Feldmann
 Douglas Sykes Freeman
 Kevin Michael Howard
 Clyde Wayne Lankford
 Gerald Edward Laumann
 John Granger Macfarlane, III
 Donald Lee McDowell
 Wayne David Old
 William David Paxton
 Robin Alan Saul
 Oden Kenneth Semones, Jr.
 Frank Dew Stoneburner, Jr.
 James William Watson, Jr.

VENABLE SCHOLARS

Paul Steward Buckman
 Robert Alton Burrell
 Thomas Micajah Jackson, Jr.
 Richard Lee Trumbo

HONOR SCHOLARS

Lynwood Poythress Baird
 Golden Basil Beckner, Jr.

John Dudley Carneal, Jr.
 James A. Chou
 Edward Neil Conner
 Carl Lee Fletcher, Jr.
 Haywood Gordon France, Jr.
 Roger Peter Glass
 Robert Elford Livingston, Jr.
 George Edgar Rice
 Lannis Neil Selz
 Paul English Smith
 Scott Sheldon Twentyman

LEADERSHIP AWARD RECIPIENTS

Hunter Joseph Camper (Moomaw)
 Frank Marcus Fariss (Moomaw)
 John Thadieu Harris, III (Moomaw)
 Kenneth Hume Roberts
 Allen Wayne Rosen (Moomaw)
 William Culbreth Sydnor
 Fred Douglas Thompson, Jr.

PHYSICS SCHOLARS

Stephen John Chu
 Larry David Willis

FRESHMAN CLASS

STUDENT
BODY
1975-76

Adamson, Brian David	Washington, Pennsylvania
Adkins, Eddie Michael	Danville, Virginia
Adsit, Samuel Denison, III	Norfolk, Virginia
Agee, Robert Lee, IV	Farmville, Virginia
Akers, Thomas Madagan	Roanoke, Virginia
Allen, Joseph Wilbur, Jr.	Ellenboro, North Carolina
Appleton, Randall Eugene	Chesapeake, Virginia
Archer, Thomas Bolling	Richmond, Virginia
Armstrong, Peter Eaton	Roanoke, Virginia
Aron, Scott Simpson	Danville, Virginia
Battle, William Olsen	Lexington, Virginia
Bean, Joseph Sanborn, Jr.	Birmingham, Alabama
Beck, Gary James	Midlothian, Virginia
Beckner, Golden Basil, Jr.	Roanoke, Virginia
Bell, Lewis William	Memphis, Tennessee
Belton, George Randal	Bristol, Virginia
Bennett, Michael Thomas	Richmond, Virginia
Birdsong, Warren Lee	Suffolk, Virginia
Blackford, William DesChamps	Spartanburg, South Carolina
Blanton, Peter Dillard	Richmond, Virginia
Bondurant, Benjamin Elliott	Rice, Virginia
Bowles, Phillip Cameron	Farmville, Virginia
Boyd, Richard Alexander	Richmond, Virginia
Bradner, Joseph Pendleton	Richmond, Virginia
Brooks, James Michael	Houston, Texas
Brown, David Milton	Charlottesville, Virginia
Buchanan, Mark Jackson	Baton Rouge, Louisiana
Burdell, Joel Barton	Herndon, Virginia
Burge, Frank Tucker	Birmingham, Alabama
Burgess, David William	Franklin, Virginia
Burnette, Gregory Fisher	Richmond, Virginia
Butcher, Robert Hall	Hampden-Sydney, Virginia
Butler, Herbert Joseph, Jr.	Charleston, South Carolina
Butler, James Chester	Roanoke, Virginia
Calcote, Robert Dudley	Charleston, South Carolina
Carbaugh, Victor Frederick, Jr.	Woodstock, Virginia
Carneal, John Dudley, Jr.	Leesburg, Virginia
Carpenter, John Townsend	Baltimore, Maryland
Cart, Alfred Robinson	Spartanburg, South Carolina
Carter, Michael Scott	Farmville, Virginia
Chadwick, Robert Gerold	Morristown, New Jersey
Chiles, Donald Gachet	Louisville, Kentucky
Chisholm, William Heighter, Jr.	Charlottesville, Virginia
Chou, James A.	Seoul, South Korea
Christian, Stuart Grattan, III	Richmond, Virginia
Chu, Stephen John	Salem, Virginia
Clary, Robert Clinton, Jr.	Valentines, Virginia
Coffield, Steven Joseph	Richmond, Virginia
Coleman, Gilbert Addison	Woodford, Virginia
Coleman, Michael Philip	Plantation, Florida
Copeland, Richard Snowden, Jr.	Hampton, Virginia
Coulter, Joel Blanton	Midlothian, Virginia

Cowan, Sanford David	Mount Kisco, New York
Coyle, Thomas C. G., Jr.	Kearneysville, West Virginia
Craighill, Joseph Laird	Richmond, Virginia
Crenshaw, Edgar Hatcher, III	Richmond, Virginia
Crowley, Christopher Marion	Spartanburg, South Carolina
Curtis, Richard Earl, Jr.	Alexandria, Virginia
Daniel, Robert Stubbs, Jr.	Deltona, Florida
DeFrancesco, Gregory Louis	Baltimore, Maryland
Dietrich, King Hastings	Seattle, Washington
Dillard, Charles Fairfax	Keswick, Virginia
Douglass, Thomas Griffin	Raleigh, North Carolina
Eagan, John Gardner, Jr.	Norfolk, Virginia
Elliott, Lewis Frazier	South Boston, Virginia
Ellis, David Edward	Virginia Beach, Virginia
Epperson, Richard Presley	Farmville, Virginia
Face, John Gerard	Richmond, Virginia
Fararo, John J., Jr.	Hightstown, New Jersey
Farina, John Payson	Washington, D. C.
Fariss, Frank Marcus	Bedford, Virginia
Farmer, Richard Aubrey, III	Warsaw, Virginia
Feldmann, Gregory West	Roanoke, Virginia
Ferguson, James Dean	Lynchburg, Virginia
Fife, Peter Lawrence	Annapolis, Maryland
Fiorentino, Mark	Patchogue, New York
Flowers, William Gregory	Columbia, South Carolina
Forehand, William Thomas, Jr.	Colonial Heights, Virginia
Fox, Keith Nolan	Newport News, Virginia
Fulton, Frank Hundley, Jr.	Danville, Virginia
George, Prentiss Legarr, III	Shelby, North Carolina
Gielow, Harold Richard	Akron, Ohio
Glisson, John Wesley	Richmond, Virginia
Godfrey, Rustin Burt	Virginia Beach, Virginia
Goldstein, Gary Brien	Charlottesville, Virginia
Gonzalez, Amauri	Carol City, Florida
Goode, Thomas Emory	Richmond, Virginia
Harlow, Bruce Price	Suffolk, Virginia
Hatcher, Robert Vance, III	Richmond, Virginia
Helms, Barry Stephen	Gate City, Virginia
Henry, Mark Austin	Virginia Beach, Virginia
Henry, Robert Randolph, IV	Bluefield, West Virginia
Hobbs, Gelon Sylvester, III	Suffolk, Virginia
Holcombe, Wayne C.	Hampton, Virginia
Holston, Walter Brown, III	Lynchburg, Virginia
Holz, Jack Anderson	Darien, Connecticut
Hotchkiss, Carter Walker	Richmond, Virginia
Howard, Kevin Michael	Dover, Delaware
Hughes, Samuel Louis	Lynchburg, Virginia
Hughey, Stephen Loyce	Richmond, Virginia
Hunt, Albert Monroe, Jr.	San Francisco, California
Hunter, Edward Sidney, III	Virginia Beach, Virginia
Irby, John Poindexter, IV	Raleigh, North Carolina
Jackson, Thomas Micajah, Jr.	Austinville, Virginia
John, James Edward, III	Charlottesville, Virginia
Johnston, Kenneth Moffet	Williamsburg, Virginia

Jones, Jack Spessard	Arvonias, Virginia
Joyce, Douglas Henry	Nashville, Tennessee
Kelley, Jeffrey Glenn	Richmond, Virginia
Kieloch, Ronald Edward	Alexandria, Virginia
Kiser, Marshall Kent	Bluefield, West Virginia
Kohler, James Christian	Milano, Italy
Koroneos, Erik Andreas	Richmond, Virginia
LaFrance, Albert, Jr.	Falls Church, Virginia
Lamond, Craig Garvin	Staunton, Virginia
Laughlin, Carl Daniel	Newport News, Virginia
Lea, Richard Hunter	Rocky Mount, North Carolina
Leach, Edwin Randolph	Forest City, North Carolina
Lee, Gordon Condon	Roanoke, Virginia
Lee, John Clayton	Fairfax, Virginia
Leming, Joseph Atkins	Bethlehem, Pennsylvania
Levy, Richard Glenn	Baltimore, Maryland
Linares, Francisco Jose	Carol City, Florida
Longerbeam, Mark Bryant	Berryville, Virginia
Maclin, Henry Wilson, III	Charlottesville, Virginia
Magee, Richard Warren	Roanoke, Virginia
Marchetti, Joseph Peter, Jr.	Richmond, Virginia
Martin, John Albert	Roanoke, Virginia
Mason, Robert Phillip	Ft. Lauderdale, Florida
McCahey, Michael Scott	Arlington, Virginia
McChristian, Steven Craig	Farmville, Virginia
McKenney, Charles Russell	Roanoke, Virginia
Mell, John Aldous	Charlotte, North Carolina
Miller, Robert Gardner	Roanoke, Virginia
Miller, William Sheppard, III	Norfolk, Virginia
Moles, Jeffrey William	Vinton, Virginia
Moore, David Edwin	Roanoke, Virginia
Moore, Wallace Warren	Danville, Virginia
Nappo, Neil Edmund	Falls Church, Virginia
Newell, William Willard	Danville, Virginia
Oldfield, Robert Wise	Norfolk, Virginia
Olivier, Pierre Francois	New Orleans, Louisiana
Otto, Russell Raymond	Norfolk, Virginia
Outten, Joseph Fenall, Jr.	Greenville, South Carolina
Pace, Gerald Michael, Jr.	Salem, Virginia
Patterson, Sherrod Gates	Savannah, Georgia
Patterson, Vernon Williams, III	Spartanburg, South Carolina
Paul, Ray Mercer, Jr.	Richmond, Virginia
Pegram, Frank LeCraft	Petersburg, Virginia
Petersen, Mark John	Acton, Massachusetts
Peterson, Scott Richard	Arnold, Maryland
Power, John Maynard	Norfolk, Virginia
Preston, Thomas Lewis	Charlottesville, Virginia
Quarles, John Morton, Jr.	Yorktown, Virginia
Reinhardt, Robert Steven	Lynchburg, Virginia
Richardson, Joseph Cumming	Bluefield, West Virginia
Richmond, William Dickenson	Martinsville, Virginia
Rosebro, Robert Rutherford	Richmond, Virginia
Ross, Robert Tayloe	Washington, D. C.
Rustin, Rudolph Byrd	Charleston, South Carolina

Ryburn, Charles William	Wilson, North Carolina
Sadighian, Jim John	South Hill, Virginia
Schoenhut, Scott Edison	Staunton, Virginia
Seay, Paul Delano, Jr.	Dillwyn, Virginia
Seymour, William Francis, IV	Midlothian, Virginia
Shaw, Charles Stephen, Jr.	Alexandria, Virginia
Simpson, Charles Blair Richmond	Louisville, Kentucky
Smith, Stephen Clark	Hampton, Virginia
Smith, Walter Powell, III	Sandston, Virginia
Smith, William Francis, Jr.	Alexandria, Virginia
Spurgin, Gerald Brenna	Deland, Florida
Squire, Peter Weaver, Jr.	Emporia, Virginia
Stokes, Thomas Lane, Jr.	Norfolk, Virginia
Stonnell, William Patrick	Farmville, Virginia
Sudduth, Robert Lee, IV	Danville, Virginia
Talley, Michael Leonard	Wilmington, Delaware
Taylor, James Roger	Bedford, Virginia
Taylor, Robert Baird, Jr.	Lynchburg, Virginia
Taylor, Wendell Hill, Jr.	Birmingham, Alabama
Terry, John Carr	Peterstown, West Virginia
Thompson, Fred Douglas, Jr.	Windsor, Virginia
Thompson, Robert Bruce, Jr.	Charlottesville, Virginia
Thornton, Joseph Dailey	Roanoke, Virginia
Tucker, Mark Merrell	McLean, Virginia
Wadsworth, Joseph A. C., III	Durham, North Carolina
Watkins, William Norman	Farmville, Virginia
Watson, Peter Robins	Oxford, North Carolina
Western, Clinton Frederick, Jr.	Vinton, Virginia
Whaley, Douglas Eugene	Cumberland, Virginia
White, Charles Mayfield, IV	Warrenton, North Carolina
Whyte, Orrin Oliver	Accokeek, Maryland
Wilkerson, Stephen Daniel	Farmville, Virginia
Williams, Craig Caldwell	Dinwiddie, Virginia
Williams, Joel Emmett	Sutherland, Virginia
Williams, Roy Edgar, Jr.	Covington, Virginia
Willis, Larry David	Portsmouth, Virginia
Willman, Gerald Frederic, Jr.	Lynchburg, Virginia
Winburn, William Alfred, IV	Savannah, Georgia
Wolcott, James Mounts, III	Norfolk, Virginia
Woodley, James Kendrick, III	Richmond, Virginia
Woods, Kurt Lee	Virginia Beach, Virginia
Woodward, Lawrence Hunter, Jr.	Walters, Virginia
Worsham, William Scott	Hot Springs, Virginia
Zedaker, Samuel Eric	Richmond, Virginia

SOPHOMORE CLASS

Abbott, William Lewis	Richmond, Virginia
Alford, Robert Kent	Lynchburg, Virginia
Allen, John William, Jr.	Charlottesville, Virginia
Aron, Alvan Macauley, Jr.	Danville, Virginia
Bayliss, Philip Martin	West Port, Connecticut
Beasley, David Terry	Athens, Georgia
Bell, Alexander Herbert, II	Virginia Beach, Virginia
Berglund, Scott Wesley	Roanoke, Virginia

Blackwell, Carl Fleming Richmond, Virginia
 Boze, Blair Manson Richmond, Virginia
 Brown, Bennie Griffin Windsor, Virginia
 Brown, Ephraim Taylor, III Birmingham, Alabama
 Brown, Orran Lee Forest, Virginia
 Brown, Paul Garland Mechanicsville, Virginia
 Bryan, Robert Carter Richmond, Virginia
 Bryant, Dennis Dickens Capron, Virginia
 Buck, Ross Lee Gautier, Mississippi
 Bumgardner, George Keller Columbia, South Carolina
 Burrell, Robert Alton Lanexa, Virginia
 Butterworth, David Carlton Hopewell, Virginia
 Caldwell, Stokely Gray, Jr. Roanoke, Virginia
 Canter, John W. F. Bethesda, Maryland
 Cart, Ben Montgomery, Jr. Charleston, South Carolina
 Challenor, Michael Stanley Richmond, Virginia
 Chapman, Rees Cecil, III Norfolk, Virginia
 Chevins, Edward Joseph, II Locust Valley, New York
 Clark, Charles Irwin Kilmarnock, Virginia
 Corrothers, Edmund Morley Hume, Virginia
 Crowder, Thomas Mason Petersburg, Virginia
 Cutright, Barry Kim North Garden, Virginia
 Daly, Jon Michael Danville, Virginia
 Daniel, Dabney Maury Sweet Briar, Virginia
 Darden, David Bruton Bedford, Virginia
 Davis, Lawrence Ryerson, III Fort Lauderdale, Florida
 Davis, Philip Gilmore, II Martinsville, Virginia
 Davis, Richard Andrew Rocky Mount, Virginia
 Dawson, Robert Richard Richmond, Virginia
 Day, Henry Fenton Danville, Virginia
 Devine, Patrick Campbell Norfolk, Virginia
 Dewey, Frederick Lyman, III Wilmington, Delaware
 Dickinson, Thomas Coston, Jr. Winter Park, Florida
 Dixon, William Dayton, III Kitty Hawk, North Carolina
 Dombalis, Nicholas C. Richmond, Virginia
 Donaldson, Douglas Bayard Danville, Virginia
 Dorey, Donald Richard Norfolk, Virginia
 Driskill, Buford Lee, III Lynchburg, Virginia
 Earhart, Joe Boyd Baltimore, Maryland
 English, Richard Edd Richmond, Virginia
 Ewell, Richard Stoddert Charlottesville, Virginia
 Farmer, Neil Page Richmond, Virginia
 Fauth, Gerald William Bethesda, Maryland
 Feinman, Michael Stuart Lynchburg, Virginia
 Ferrara, Clifford Gerard Charleston, South Carolina
 Fidler, John Edwin Summersville, West Virginia
 Foster, Robert Dixon Irvington, Virginia
 Foxgrover, James Lee Paeonian Springs, Virginia
 Fralin, Gary Watson Richmond, Virginia
 Francis, Joseph Thomas Dry Fork, Virginia
 Freeman, Douglas Sykes Lahaska, Pennsylvania
 Fulkerson, William Homan, III Dallas, Texas
 Fulton, Christian Langdon Wynnewood, Pennsylvania
 Gates, David Heath Chester, Virginia
 Godfrey, Thomas Walter, Jr. Virginia Beach, Virginia

Goodin, Mark Wayne,	Midlothian, Virginia
Graham, John Robert	Roanoke, Virginia
Gray, George Ward, Jr.	Richmond, Virginia
Green, Steve Goodman	South Boston, Virginia
Groseclose, Robert Daniel	Welch, West Virginia
Groseclose, Samuel Lee	Welch, West Virginia
Hamer, Frederick Charles, III	Charlottesville, Virginia
Hamnett, Lawrence Dean	Allentown, New Jersey
Harcum, Michael Stephen	Richmond, Virginia
Harris, Charles Allan	Richmond, Virginia
Harris, John Thadieu, III	North, Virginia
Harris, Richard Dean	Winston-Salem, North Carolina
Haw, John Sheppard, III	Richmond, Virginia
Heery, Thomas Moss	Athens, Georgia
Heldreth, Joseph Brown, III	Martinsville, Virginia
Hicks, Horace Row, Jr.	Glen Allen, Virginia
Higgins, James Ronald, Jr.	Jacksonville, Florida
Higgs, James Blackford	Staunton, Virginia
Hofler, John Gatling, Jr.	Raleigh, North Carolina
Holt, David Powell	Petersburg, Virginia
Hughes, William Carrington, III	Gordonsville, Virginia
Hundley, James Jay	Tampa, Florida
Huskey, Robert Blain, Jr.	Farmville, Virginia
Hylton, Douglas Gray	Ronceverte, West Virginia
James, Franklin Jefferson	Portsmouth, Virginia
Jawish, David Boggs	Fairfax, Virginia
Johnson, Allen Easley, Jr.	Roanoke, Virginia
Johnson, Richard Mark	Virginia Beach, Virginia
Johnson, Robert Bay	Crewe, Virginia
Johnson, Todd Carrington	Newport News, Virginia
Jones, James Monroe, III	Crewe, Virginia
Junes, Bobby John	Richmond, Virginia
Keeley, Thomas Patrick	Roanoke, Virginia
Kelly, James Warren	Lynchburg, Virginia
Kiely, Craig Procter	Rumson, New Jersey
Kirby, Phillip Dorsey, Jr.	Baltimore, Maryland
Klein, David Alan	Roanoke, Virginia
LaMotte, David Hyde, Jr.	Portsmouth, Virginia
Landreth, William Ross	Harrisonburg, Virginia
Lapp, Richard Lester	Maitland, Florida
Lashley, Claiborne Barham	Haverford, Pennsylvania
Laumann, Gerald Edward	Chesapeake, Virginia
Leary, John Wesley	Virginia Beach, Virginia
Lester, James Cary, Jr.	Roanoke, Virginia
Lewis, Keith Wayne	Danville, Virginia
Light, Philip N.	Norfolk, Virginia
Litton, James Bowen	Wytheville, Virginia
Livingston, Robert Elford, Jr.	West Columbia, South Carolina
Love, Charles Keith	Danville, Virginia
Love, Gregory Goode	Charlottesville, Virginia
Lumpkin, William Benedict, III	Richmond, Virginia
Mahanes, Wallace S.	Charlottesville, Virginia
Marks, Dale Talmadge	Capron, Virginia
Martin, Frank Conrad, III	Roanoke, Virginia
McAbee, Ernest Andrew	Farmville, Virginia

McDowell, Donald Lee	Petersburg, Virginia
McDowell, Douglas Lee	Petersburg, Virginia
McEwen, James Charles, II	Petersburg, Virginia
Melhorn, Steven Wynn	Richmond, Virginia
Menendez, Joseph Vincent	Emporia, Virginia
Merrell, Robert Baxter	West Point, Virginia
Miles, Randolph Parker	Richmond, Virginia
Miller, Harland Lamar, III	Monmouth Beach, New Jersey
Moore, John Augustus, Jr.	Rocky Mount, North Carolina
Moore, Julian Adair, Jr.	Front Royal, Virginia
Moore, William Spurr	Petersburg, Virginia
Morehead, Ralph Connor, IV	Catonsville, Maryland
Moss, Lowell Mills	Richmond, Virginia
Munden, Gordon Ward, Jr.	Norfolk, Virginia
Murphy, Wyatt Rorer, Jr.	Lynchburg, Virginia
Nerney, Michael Edward	Hampton, Virginia
Newcomer, David Jackson	Richmond, Virginia
Newell, Wilson Bennett, Jr.	Danville, Virginia
Niedermayer, Herbert William, III	Richmond, Virginia
O'Hanlan, Edward Vincent	Waynesboro, Virginia
Old, Wayne David	Chesapeake, Virginia
Osgood, Thomas Wentworth	Petersburg, Virginia
Parker, Stephen Myron	Richmond, Virginia
Parsons, Bradley Jay	Nashville, Tennessee
Patterson, Joseph Rody, Jr.	McKenney, Virginia
Patterson, Paul Tulane	Lynchburg, Virginia
Patton, James Doddridge, IV	Richmond, Virginia
Peebles, James Fain	Lawrenceville, Virginia
Penick, Joseph Bernard	Richmond, Virginia
Phillips, Bruce Collier	Richmond, Virginia
Pitte, Charles Erskine	Hinsdale, Illinois
Pitzer, Charles Lewis, III	Roanoke, Virginia
Powell, James Spaulding	Gloucester, Virginia
Purdum, Allen Bradford	Winter Park, Florida
Rabun, Zachary Ryan	Winchester, Virginia
Redd, William DeHart	West Point, Virginia
Reece, William Turman, Jr.	Virginia Beach, Virginia
Riddle, Barry Lynn	Gladys, Virginia
Rosenberger, William, II	Waynesboro, Virginia
Rubis, Steven John	Richmond, Virginia
Rusher, William DeWitt, Jr.	Richmond, Virginia
Sager, William Laird, Jr.	Danville, Virginia
Sargeant, Charles Preston	Roanoke, Virginia
Seaman, John Scott	Suffolk, Virginia
Shelton, Michael Murrell	Forest, Virginia
Silvestri, Vincent Louis	Midlothian, Virginia
Sketchley, Rothwell Garsed, III	Charlottesville, Virginia
Smith, Paul English	West Point, Virginia
Smith, Samuel Edward, Jr.	Arlington, Virginia
Snyder, Edward Philip	Salem, Virginia
Sommers, John Edward, III	Houston, Texas
Springer, Robert Nelson	Warrenton, Virginia
Stoneburner, Frank Dew, Jr.	Richmond, Virginia
Stough, John Arthford, Jr.	Louisville, Kentucky
Sutton, Richard Sidney	Boydton, Virginia

Thompson, Bruce Everett	Fairfax, Virginia
Thurston, Brian Milbank	Richmond, Virginia
Tiernan, Edward Lawrence	Springfield, Virginia
Tipton, Charles S. M.	Vienna, Virginia
Traynham, Randolph Edmunds	Crewe, Virginia
Trenum, Clarence William, III	Warrenton, Virginia
Turner, Harold Ratcliffe	Richmond, Virginia
Twentyman, Scott Sheldon	Arlington, Virginia
Underwood, John Mason, II	Virginia Beach, Virginia
Van Ness, Douglas Hart	Richmond, Virginia
Vaughan, Henry Stewart	Prince Frederick, Maryland
Waddell, Thomas Carter	Leesburg, Virginia
Walke, John Wistar	Roanoke, Virginia
Wall, Steven Edward	Farmville, Virginia
Wall, Thomas Craven	Lexington, North Carolina
Webb, Charles Houston	Orlando, Florida
West, Philip Hambright	Irvington, Virginia
White, James Wheeler	Madison Heights, Virginia
White, Robert Graham, III	Edenton, North Carolina
Whitehouse, Robert Putnam	Lynchburg, Virginia
Whitlock, William Ferrell	Farmville, Virginia
Whitt, Robert Holt, Jr.	Danville, Virginia
Wilson, Robert Major	Alexandria, Virginia
Wolanski, Edward Theodore	Staunton, Virginia

JUNIOR CLASS

Ailsworth, Timothy Scott	Keysville, Virginia
Allport, Thomas Page	Franklin, Virginia
Almond, William Kenneth	Richmond, Virginia
Amonette, Ben Edward	Radford, Virginia
Anthony, Ralph David	Lynchburg, Virginia
Armistead, Nathaniel LeMaster, III	Richmond, Virginia
Ashburn, Willard Reynolds, III	Virginia Beach, Virginia
Atkinson, Stephen Allen	Chester, Virginia
Baird, Lynwood Poythress	Brodnax, Virginia
Baker, Joseph Glenwood, Jr.	Richmond, Virginia
Ballenger, Claude Newton, III	Norwood, North Carolina
Bandy, William Hollis	Hampton, Virginia
Bannen, David Gudmundur	Simpsonville, South Carolina
Barbee, Danny Reginald	Richmond, Virginia
Baril, Stephen Earl	Richmond, Virginia
Baughan, Michael Cayce	Richmond, Virginia
Bear, Joseph Wolfe, III	Bedford, Virginia
Beckel, Gregory Faulkner	Dover, Delaware
Belcher, James Raymond, Jr.	Chester, Virginia
Berry, Will Tyler	Franklin, Tennessee
Blount, Peter Frederick	Hampton, Virginia
Bosher, Lewis Crenshaw	Richmond, Virginia
Bowie, Clyde Findley, Jr.	Anderson, South Carolina
Brown, Daniel Warwick	Arlington, Virginia
Buckman, Paul Stewart	Sterling, Virginia
Burton, William James	Lynchburg, Virginia
Capel, Randolph Allan	Richmond, Virginia

Carpenter, Timothy Earnest Richmond, Virginia
 Cart, Walter M., Jr. Spartanburg, South Carolina
 Carter, Eugene Vivian, III Danville, Virginia
 Castro, Rafael Francisco Charlottesville, Virginia
 Childress, John Ford Martinsville, Virginia
 Clark, John Robert, III Chevy Chase, Maryland
 Coleman, Arthur Linden Dublin, Virginia
 Conner, Edward Neil Emporia, Virginia
 Conrad, Bryan Hunter White Post, Virginia
 Copes, Mark Alan Walterboro, South Carolina
 Cox, Walter Scott, III South Boston, Virginia
 Craft, William R. L., III Christiansburg, Virginia
 Cunnings, John Truitt Alexandria, Virginia
 Curtis, Steven Andrew Alexandria, Virginia
 Davenport, Carter Fleming Greensboro, North Carolina
 Dickinson, Fielding L., III Loretto, Virginia
 Dille, James Kirk Richmond, Virginia
 DiStanislao, Phillip Thomas Petersburg, Virginia
 Downer, William Benton, III Charlottesville, Virginia
 Drumond, Darrell Thomas Emporia, Virginia
 Dudley, Oliver Witcher, IV Richmond, Virginia
 Duffer, Michael Louis Bon Air, Virginia
 Duncan, Branch Ellis Alexandria, Virginia
 Duncan, Gregory Wooster Richmond, Virginia
 Ellis, Roy Scott Severna Park, Maryland
 Evans, Randall William Atlanta, Georgia
 Farrell, Michael Andrew Wanaque, New Jersey
 Ferguson, James Kenneth Emporia, Virginia
 Ferguson, William Chandler Lynchburg, Virginia
 Fletcher, Carl Lee, Jr. St. Albans, West Virginia
 Follo, Craig Anderson Greensboro, North Carolina
 Gall, Adam Frederick, Jr. Charleston, West Virginia
 Galloway, Gene Mills Greenville, South Carolina
 Garner, Gary Robert Lynchburg, Virginia
 Garrett, Frank McEnery Richmond, Virginia
 Garrison, Clyde McA., III Pulaski, Virginia
 Gilliam, Robert Lawrence, Jr. Warrenton, Virginia
 Gimpleson, George Edward Norfolk, Virginia
 Graham, David Gillen Baltimore, Maryland
 Graham, Steven Sinclair Altavista, Virginia
 Greene, Harry Stanley, Jr. Richmond, Virginia
 Gregg, William John Midlothian, Virginia
 Grizzard, George Mason Emporia, Virginia
 Haarsgaard, Edward Eugene Roanoke, Virginia
 Haley, Philip Andrew Danville, Virginia
 Hand, Darby Geoghegan Herndon, Virginia
 Hardie, David Randall Roanoke, Virginia
 Harlow, David Lee Suffolk, Virginia
 Harris, Kevin Lee Emporia, Virginia
 Haugh, Lair Dayton Charlottesville, Virginia
 Hayes, David Lyle Pennington Gap, Virginia
 Hill, Broderick L. South Boston, Virginia
 Hill, Lawrence King, Jr. Greenville, South Carolina
 Hogue, Richard Christopher Virginia Beach, Virginia
 Holladay, James Cleland Snead Richmond, Virginia

Holland, Gregory Franklin	Windsor, Virginia
Horne, Frank Leigh, Jr.	Charlotte, North Carolina
Howard, William Brooks	Alexandria, Virginia
Hudgins, David Drake	Franklin, Virginia
Hudson, Gary Dean	Pamplin, Virginia
Hume, John Hamilton	Virginia Beach, Virginia
Hundley, Willoughby Shelton, III	Boydton, Virginia
Ingoe, Robert Michael	Salem, Virginia
Jeanes, John Kohler	Orange, Virginia
Johnson, Richard Wigley Perrott	Hampton, Virginia
Johnson, Robert Dwight	Roanoke, Virginia
Jones, Catesby C.	Richmond, Virginia
Jones, Walter Minitre, III	Galax, Virginia
Justis, Christopher Morrow	Charlotte, North Carolina
Justis, Michael Lee	Charlotte, North Carolina
Kellam, Lloyd Joseph, III	Belle Haven, Virginia
Kelly, Timothy James	Lancaster, Pennsylvania
King, Joseph Lawton	Louisville, Kentucky
Lacy, William White, Jr.	Nashville, Tennessee
Ladd, Robert Carter	Danville, Virginia
Lange, John Frederick	Glen Allen, Virginia
Langhorne, Richard Campbell	Norfolk, Virginia
Lankford, Clyde Wayne	Suffolk, Virginia
Leary, Edmund Conger	Edenton, North Carolina
Lee, Douglas Burton	Roanoke, Virginia
Levin, Larry Paul	Roanoke, Virginia
Lewis, James Rhodes, Jr.	Petersburg, Virginia
Lewis, Meriwether Fielding	Clarksville, Virginia
Love, Leonard	Danville, Virginia
Lumsden, Gary Lee	Roanoke, Virginia
Manthey, Robert Edwin	Sea Ranch Lakes, Florida
Mapp, John Alfred, Jr.	Leesburg, Virginia
Marable, Benjamin Thomas Kinsey	Petersburg, Virginia
Marks, Dudley H.	Lynchburg, Virginia
Mason, James Dunn	Petersburg, Virginia
Massie, Edgar Franklin, III	Crewe, Virginia
McAdams, Edward Judson	Charlotte, North Carolina
McEwen, Philip Joseph	Petersburg, Virginia
McGinn, Joseph Reginald	Chesapeake, Virginia
McLain, Richard Warren	Kingsport, Tennessee
McLaughlin, Tucker Watkins, Jr.	Halifax, Virginia
McNerney, Martin M.	Springfield, Virginia
McVeigh, James Beverly, Jr.	Lynchburg, Virginia
Meehan, William Francis, III	Wilmington, Delaware
Meem, John Gaw	Charlottesville, Virginia
Metcalf, Philip Cummings	Roanoke, Virginia
Michal, David Hill, Jr.	Winston-Salem, North Carolina
Militello, James Sebastian	St. Augustine, Florida
Miller, David Scott	Charleston, West Virginia
Mitchell, John Riley, Jr.	Charleston, West Virginia
Moore, Peter Davison	Arlington, Virginia
Morgan, Michael Scott	Norfolk, Virginia
Moss, Michael David	Front Royal, Virginia
Overby, Wallace Howard	Richmond, Virginia
Overton, Wallace Allan	Victoria, Virginia

Pannill, William Letcher Martinsville, Virginia
 Parsons, Robert David Nashville, Tennessee
 Patterson, Mark Westfall Hopewell, Virginia
 Phipps, William James, Jr. Dinwiddie, Virginia
 Rady, Michael Craig Jacksonville, Florida
 Rendzio, John George Aldie, Virginia
 Riddick, David Francis Charlottesville, Virginia
 Robertson, Daniel Scott Malibu, California
 Robertson, Rolfe, Jr. Fairfax, Virginia
 Robinson, James Clayton Portsmouth, Virginia
 Rosen, Allen Wayne Richmond, Virginia
 Rosenfield, Andrew Steven Fairfax, Virginia
 Sanders, Raymond Ernest, III Midlothian, Virginia
 Saw, Cheng Bee Perak, Malaysia
 Schneider, Robert Seaborn Atlanta, Georgia
 Schultz, Milton John, III Virginia Beach, Virginia
 Schumacher, David Edward Charleston, West Virginia
 Semones, Oden Kenneth, Jr. Leesburg, Virginia
 Shelton, John Carroll, Jr. Greensboro, North Carolina
 Shiflett, David Christian Roanoke, Virginia
 Shiverts, Robert Nelson New York, New York
 Simpson, Robert, Jr. Richmond, Virginia
 Simpson, Steven Gregory Portsmouth, Virginia
 Singleton, Steven Lynn Lynchburg, Virginia
 Slone, Noel Blaine Radford, Virginia
 Smith, Brett Raiford Lynchburg, Virginia
 Smith, Michael Anthony Roanoke, Virginia
 Snodgrass, Larry Beaumont, Jr. Knoxville, Tennessee
 Spicer, William Russell Mebane, North Carolina
 Spratley, Philip Warren, III Hampton, Virginia
 Sprouse, William Carrington, Jr. Sprouses Corner, Virginia
 Stahl, Kim Marie Danville, Virginia
 Stedfast, Philip Alden, Jr. Norfolk, Virginia
 Stone, Marshall Christman, III Spartanburg, South Carolina
 Strauss, Steven Sachs Roanoke, Virginia
 Stump, William Rudolph, Jr. Charleston, West Virginia
 Summerlin, David Dean Hagerstown, Maryland
 Sydnor, William Culbreth Mannboro, Virginia
 Talcott, George Russell, Jr. Richmond, Virginia
 Talley, Motte Lawrence Sumter, South Carolina
 Tashjian, David Lee Richmond, Virginia
 Tavenner, John Stephen Virginia Beach, Virginia
 Terry, David Russell Matthews, North Carolina
 Tinsley, John Sutton Lynchburg, Virginia
 Troxel, Frederick Louis Winchester, Virginia
 Turner, Andrew Morris Roanoke, Virginia
 Valentine, Duane Ian Winchester, Virginia
 Veale, Peter Herbert Wilmington, Delaware
 Via, Michael Ashby Virginia Beach, Virginia
 Vickers, Joseph Goode Martinsville, Virginia
 Waddill, James Thomas, IV Chester, Virginia
 Walker, Richard Crews, Jr. Prospect, Kentucky
 Walker, Thomas Bryan Bon Air, Virginia
 Wallace, Ray Allen Keysville, Virginia
 Walters, Daniel Keith Chester, Virginia

Ward, Charles Wesley	Richmond, Virginia
Ward, Michael Duane	Chesapeake, Virginia
Watson, James William, Jr.	Farmville, Virginia
Webb, Douglas Martin	Appomattox, Virginia
White, Brinson Carter	Richmond, Virginia
White, Robert William	Charleston, West Virginia
Whitmore, Donald Allen	Kalamazoo, Michigan
Williams, Dana Crooks	Hagerstown, Maryland
Willis, David Huntington, Jr.	Lovettsville, Virginia
Wilson, Harry William	Alexandria, Virginia
Wood, Kirby Hopkins	Haddonfield, New Jersey
Zier, Douglas Frederick	Milwaukie, Oregon
Zimmerman, Marcus Miller	Raleigh, North Carolina

SENIOR CLASS

Alexander, James Thomas, III	Alexandria, Virginia
Anderson, Paul Vernon	Alexandria, Virginia
Anderson, Shaun Crawley	Danville, Virginia
Armstrong, Duncan Wallace	Mill Neck, New York
Arnold, Bruce Bennett	Powhatan, Virginia
Baker, William Curtis, Jr.	Portsmouth, Virginia
Bance, Edgar J. Dickinson	Sabot, Virginia
Bartin, Frank Alan	Roanoke, Virginia
Bedinger, Edward King	Richmond, Virginia
Bedinger, Frank Cleveland, III	Boydton, Virginia
Bendall, Charles Hunter	Yanceyville, North Carolina
Berkeley, Thomas Heydon	Richmond, Virginia
Blackman, William Allison	Charlottesville, Virginia
Blair, Drury Harvey, Jr.	Alexandria, Virginia
Bolton, James William, Jr.	Danville, Virginia
Bowles, William Latham	Lynchburg, Virginia
Boyer, Stephen Michael	Danville, Virginia
Brandon, Lawrence Howard	High Point, North Carolina
Brock, Gary McKenzie	Ashland, Virginia
Brown, Fred Lee, Jr.	Gloucester, Virginia
Brown, Pierce James	Willingboro, New Jersey
Brown, Timothy Traugott	Norfolk, Virginia
Brush, John Elliott, Jr.	Richmond, Virginia
Burnette, Mark Gunn	Holiday, Florida
Burris, Jeffrey Mark	High Point, North Carolina
Butler, William W. S.	Roanoke, Virginia
Calhoun, John Christopher	Bethesda, Maryland
Camper, Hunter Joseph	Fincastle, Virginia
Capito, Charles Lewis, Jr.	Charleston, West Virginia
Carmines, Edward Lafayette, II	Hampton, Virginia
Carpenter, Thomas Woodley	Newport News, Virginia
Carroll, Michael Bryan	Alexandria, Virginia
Carter, Richard B. L.	Fort Defiance, Virginia
Castle, Donald Bayne	Leesburg, Virginia
Clare, Frank Brian, Jr.	Portsmouth, Virginia
Clarke, Donald Sumner	Alexandria, Virginia
Clegg, John Phillip	Falls Church, Virginia
Collier, Nathaniel Macon, III	Petersburg, Virginia

Cournow, Donald Craig Richmond, Virginia
 Curtis, Michael Roy Tucson, Arizona
 Cutler, Richard Harding, Jr. Newport News, Virginia
 Dabney, Charles William Roanoke, Virginia
 Delaney, John Patrick Alexandria, Virginia
 Dobyns, Thomas Elroy Rustburg, Virginia
 Donne, John Thomas Newport News, Virginia
 Donovan, Michael David Woodbridge, Virginia
 Dorschel, Jay Armstrong Greenville, Delaware
 Downs, Robert Stevens, Jr. Roanoke, Virginia
 Dunigan, Robert Michael Fredericksburg, Virginia
 Dunn, Thomas Alexander, Jr. Richmond, Virginia
 Eason, Carl Edward, Jr. Windsor, Virginia
 Eayres, Charles Francis Virginia Beach, Virginia
 Ebel, Charles Thomas Richmond, Virginia
 Eggleston, David Wayne Richmond, Virginia
 Eib, Christopher Dwight Chester, Virginia
 Ewell, Richard B. H. Charlottesville, Virginia
 Faust, Peter Charles Baltimore, Maryland
 Ferguson, Frederick Ross Roanoke, Virginia
 Ferrell, John Walton Richmond, Virginia
 Fowlkes, Carroll Harris, III Richmond, Virginia
 France, Haywood Gordon, Jr. Charleston, West Virginia
 Garlock, Richard David Roanoke, Virginia
 Garris, Stephen Anthony Woodbridge, Virginia
 Gates, Ernest Pleasants, Jr. Chester, Virginia
 Gayle, John Cole, Jr. Richmond, Virginia
 George, Harry, III Brunswick, Maryland
 Glass, Roger Peter Alexandria, Virginia
 Goldsmith, Richard Grayson Roanoke, Virginia
 Gould, Richard Thomas Alexandria, Virginia
 Granger, Harvey, IV Savannah, Georgia
 Greene, Jonathan Drennan Norbeck, Maryland
 Hagan, Hugh Johnson, III Roanoke, Virginia
 Haley, Charles Joseph Danville, Virginia
 Hampton, Timothy Butler Chesapeake, Virginia
 Handy, Russell Lee Arlington, Virginia
 Harrington, Scott Mayfield China Grove, North Carolina
 Harris, Thomas Bradley Richmond, Virginia
 Harrison, Thomas Michael Virginia Beach, Virginia
 Hazlegrove, Richard Byron Roanoke, Virginia
 Hellmuth, Everett Albert, III Pamplin City, Virginia
 Henderson, Gregory Benson Richmond, Virginia
 Henshaw, Robert Clarence, Jr. Richmond, Virginia
 Hereford, Philip Brown Charleston, Virginia
 Hicks, William Frederick Roanoke, West Virginia
 Hill, William Rowland, III Richmond, Virginia
 Hodgson, Daniel John Pittsburgh, Pennsylvania
 Horner, Edwin Bryan, III Lynchburg, Virginia
 Host, David Findley Newport News, Virginia
 Hubbard, John Richard Baltimore, Maryland
 Irby, Lewis William, Jr. Kenbridge, Virginia
 Itgen, Frank Allen Bryn Mawr, Pennsylvania
 Johnston, Robert Alan Pearisburg, Virginia
 Kelley, Edward Francis, III West Point, Virginia

Kelly, John Reid	Richmond, Virginia
Klein, William Murdoch	Roanoke, Virginia
Kotelec, Michael T.	Frederick, Maryland
Kreger, Allie Baldwin	Roanoke, Virginia
Lane, George Winder	Franklin, Virginia
Lapinel, Sergei Paul	New York, New York
Lee, Alexander Mark	Savannah, Georgia
Leftwich, Thomas Frederick, Jr.	Hopewell, Virginia
Lewis, Walter John	Lynchburg, Virginia
Long, Raymond Gordon, Jr.	Baltimore, Maryland
Lorigan, Robert Cummings	Williamsburg, Virginia
Macfarlane, John Granger, III	Roanoke, Virginia
Magee, Archibald Carter, Jr.	Roanoke, Virginia
Malbon, Harwell Frank	Virginia Beach, Virginia
Mann, John Ray	Virginia Beach, Virginia
Marsteller, Emlyn Harrison, IV	Richmond, Virginia
Martine, James Chesser	Richmond, Virginia
McClagherty, Samuel Hoge	Pearisburg, Virginia
Middleton, John Charles	Charlottesville, Virginia
Miller, Henry Roberts, IV	Richmond, Virginia
Minor, David Wall	Winston-Salem, North Carolina
Montague, William Lynwood, Jr.	South Hill, Virginia
Moore, Andrew Lewis, Jr.	Fredericksburg, Virginia
Moore, Douglas Clifton, Jr.	Alexandria, Virginia
Moore, James Wilson	Richmond, Virginia
Moore, Ronald Lee	Glen Allen, Virginia
Morris, Willie Herman, III	Lynchburg, Virginia
Munsey, Gary Mitchell	Covington, Virginia
Murray, Charles Killin	Alexandria, Virginia
Nash, Edgar Dawson	Baltimore, Maryland
Noble, Julius Clinton, Jr.	Roanoke, Virginia
Nuckols, Emmett Edward, III	Lynchburg, Virginia
O'Hara, James Brian	Dunwoody, Georgia
Oldman, John, III	Glenshaw, Pennsylvania
Parrish, William Henry, IV	Richmond, Virginia
Paxton, William David	Salem, Virginia
Person, David Doherty	Claymont, Delaware
Pierce, John Stanton	Richmond, Virginia
Ponti, Richard Michael	Solvay, New York
Pusey, Carl Long, III	Easton, Maryland
Ragland, Cruger Smith	Dallas, Texas
Ragsdale, Thomas Smith, III	Lake City, South Carolina
Reid, Angus William	Winston-Salem, North Carolina
Reid, Donald Lee, Jr.	Charlottesville, Virginia
Rice, George Edgar	Victoria, Virginia
Riddick, Robert Burwell	Richmond, Virginia
Roberts, Kenneth Hume	Lawrenceville, Virginia
Roberts, Thomas Walker, Jr.	Lynchburg, Virginia
Royce, Richard Overton	Louisville, Kentucky
Samuel, Robert Lee, Jr.	Sterling Park, Virginia
Sands, James Keith Marshall	Richmond, Virginia
Saul, Robin Alan	Roanoke, Virginia
Saunders, Gray Summerfield	Richmond, Virginia
Scheumann, Marcus Carl, III	Hampton, Virginia
Schwarz, Eric Doyle	Charleston, West Virginia

Selz, Lannis Neil Concord, Virginia
 Sequin, Stuart Donald, Jr. Farmville, Virginia
 Sherrod, Martin Manker Sanford, North Carolina
 Smith, Charles Holder, III Charlottesville, Virginia
 Snead, Robert Clark Richmond, Virginia
 Snyder, David Allen Johnson City, Tennessee
 Sparger, James Henderson, Jr. Greensboro, North Carolina
 Squire, Harry Edward Emporia, Virginia
 Starke, Richard Cassuis Lee Norfolk, Virginia
 Stewart, Robert McEntire Baltimore, Maryland
 Stuart, Dennis O'Garey Copper Hill, Virginia
 Stuckey, Robert John Dallas, Texas
 Taylor, Edward Wyls, Jr. Lakeland, Florida
 Taylor, Robin Lee Richmond, Virginia
 Thomas, Donald Wayne Roanoke, Virginia
 Thomas, Michael Wray Roanoke, Virginia
 Thompson, Robert Bowers Fredericksburg, Virginia
 Trumbo, Richard Lee Marshall, Virginia
 Tuttle, James Gray Albemarle, North Carolina
 Van Ness, Philip Duncan Richmond, Virginia
 Van Wormer, Mark Edward Arlington, Virginia
 Walker, Carlton Eugene, Jr. Richmond, Virginia
 Wayt, John Augustus, III Cumming, Georgia
 Williams, Emmett Filmore, III Virginia Beach, Virginia
 Williams, Herbert Taylor, IV Dinwiddie, Virginia
 Wilson, Charles Algeo, III Stevenson, Maryland
 Wilson, Robert Bullington, V Church Road, Virginia
 Wolcott, Edward Wallace, Jr. Norfolk, Virginia
 Worrell, Ronald Keith Basye, Virginia
 Wright, Gary Eugene St. James, New York
 Young, Todd Crandall Rocky Mount, North Carolina

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Enrollment by Classes

Seniors	170
Juniors	211
Sophomores	194
Freshmen	211
Special	10
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	796

Students Enrolled by States and Foreign Countries

Virginia	578
North Carolina	40
Maryland	26
South Carolina	21
West Virginia	20
Florida	18
Georgia	11
Pennsylvania	9
New Jersey	9
New York	9
Tennessee	9
Delaware	8
Kentucky	6
Texas	5
Alabama	4
Connecticut	3
Louisiana	2
California	2
Arizona	1
Michigan	1
Mississippi	1
Oregon	1
Illinois	1
Massachusetts	1
Washington State	1
Washington, D.C.	2
Malaysia	1
South Korea	1
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Italy	1
West Germany	1
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Hampden-Sydney College
in Virginia

